LIONEL

1938

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HEY FELLOWS

1975 Reproduction
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Columbia, Maryland 21045
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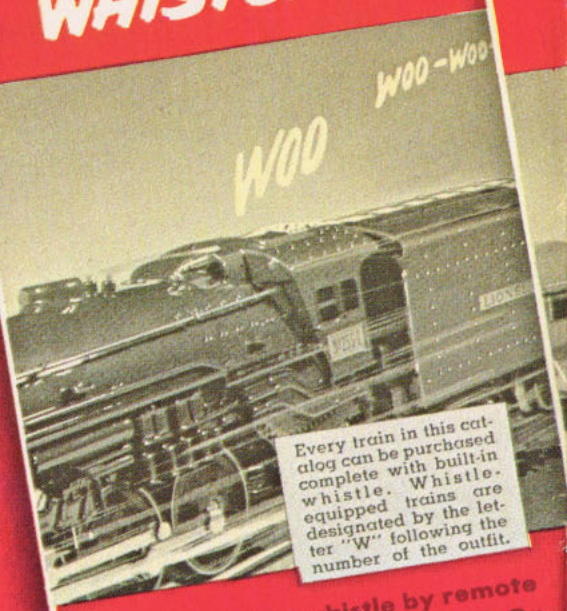
MAGIC REMOTE CONTROLS

START, STOP OR REVERSE YOUR LIONEL—BLOW ITS REALISTIC WHISTLE—LOAD AND UNLOAD FREIGHT CARS—ACTUALLY COUPLE AND UNCOUPLE TRAINS—

Electrically

WHISTLING



Every train in this catalog can be purchased complete with built-in whistle. Whistle-equipped trains are designated by the letter "W" following the number of the outfit.

Lionel Trains whistle by remote control! Long, loud blasts. Or short, sharp ones. Any signal at any time, whether your train is moving or standing still.

This catalog is effective August 1, 1938. All prices, structural or mechanical designs and colors are subject to change without notice. The entire contents of this book are copyrighted, 1938, by The Lionel Corporation, 15 East 26th Street, New York, N. Y. Printed in the U. S. of America.

—watch what happens now when you press a button!

REVERSING

Sequence reversing has been developed by Lionel. Each and every Lionel Electric Train in this year's great parade is equipped with this remote control feature.

2 The touch of a button gives you absolute control over your Lionel. Send it racing ahead, stop it with lights lit, or reverse it . . . just as your finger dictates.

UNCOUPLING

Every "O" gauge and "027" outfit (except those on Pages 8 and 9) is equipped with electric couplers and special track. You can add electric-coupler cars to any train outfit.

3 When you want to uncouple a car, you simply press a control button. An electric mechanism, in the car, lifts the couplers. The cars part. The rest of the train moves on.

LOADING

Turn to Page 39 and read how you can add this electric car-loading feature to any train, whether new or old. Train outfits on Pages 11 and 19 include coal elevators.

4 Buckets on an endless chain scoop up coal and carry it into loft. You touch a remote control lever. Down pours the coal, through a chute, into your waiting dump car.

UNLOADING

Many trains are equipped with electric dumping cars. With each comes an unloading bin and imitation coal. You can also add this dump car to any outfit.

5 Now send your train over to the other side of the layout. Press a control button. Over swings the body of your dump car, tilting out every last atom of coal—where you want it.

NOTHING LIKE THESE GREAT, NEW OPERATING FEATURES HAS EVER TOUCHED THE RAILS BEFORE! THEY ARE LIONEL INVENTIONS, SO . . . *ONLY LIONEL CAN BRING YOU ALL THIS EXCITING FUN*

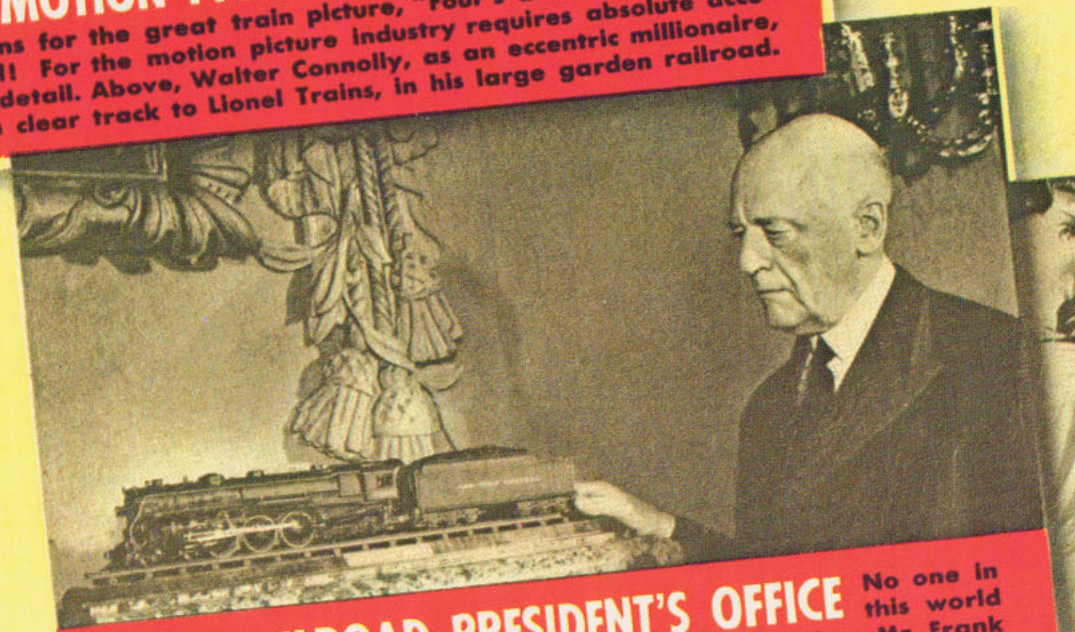
WHEREVER **STAMINA** IS NEEDED . . .

WHENEVER **ACCURACY** IS VITAL . . .

First

IN A MOTION PICTURE STUDIO

Where did Warner Brothers go, to find trains for the great train picture, "Four's a Crowd"? Straight to Lionel! For the motion picture industry requires absolute accuracy of detail. Above, Walter Connolly, as an eccentric millionaire, giving a clear track to Lionel Trains, in his large garden railroad.



IN A RAILROAD PRESIDENT'S OFFICE

No one in this world knows trains and railroading more thoroughly than does Mr. Frank E. Williamson, President of the great New York Central System. When Mr. Williamson picks a Lionel to ornament his mantlepiece, he gives to Lionel accuracy and realism the endorsement of an expert.

IN A MEN'S MODEL CLUB

In hobby clubs from coast to coast, Lionel models are used, first, because of their accuracy of detail and, second, because they are built according to a time-tested formula for hard wear and heavy service. The photograph shows a glimpse of the Brooklyn Model Club, with a Lionel scale model Hudson on the rails.

Choice is Lionel!

TRAINS THAT PERFORM LIKE THIS WILL SERVE YOU BETTER—AND LAST LONGER

● Take a tip from the top man on the railroad which operates one of the greatest fleets of trains in the world—

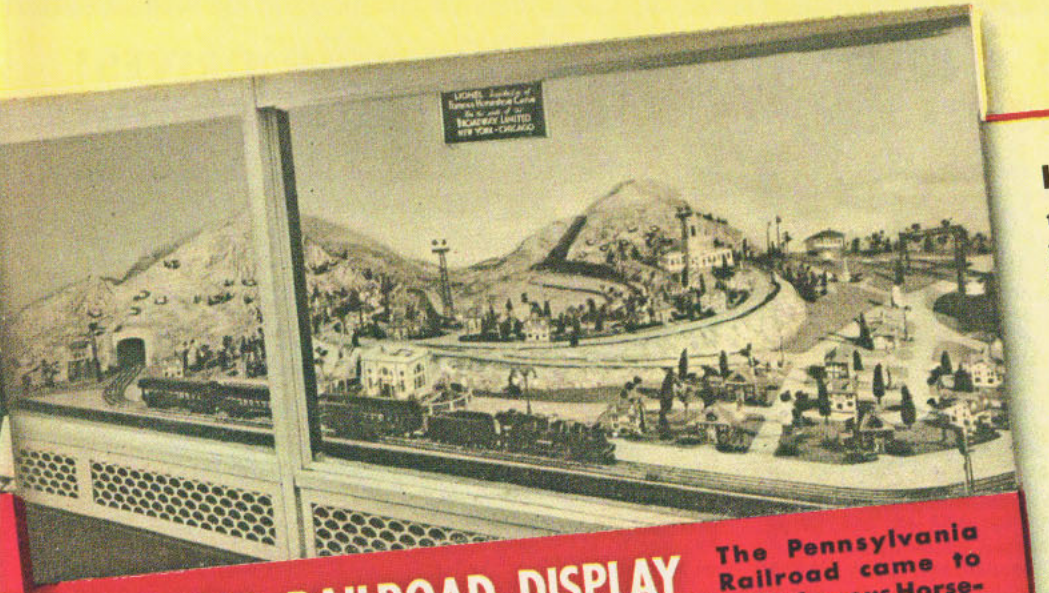
Or, pick the star performers for your system as Warner Brothers picks trains for filming of its great motion pictures.

Or, follow the example of men members of hobby clubs who have made model craftsmanship a serious study—

For, all train experts agree: First choice is Lionel! First in Service—By the use of more skillful design, more experienced workmanship and better materials, Lionel has built into its trains a unique ability to withstand the punishment of long, hard wear. There are no penny-wise, pound-foolish short cuts in the construction of a Lionel motor, locomotive or any other Lionel equipment. Experts know this and the history of train manufacturing proves it!

First in Realism—Lionel goes right to the engineering departments of real railroads to obtain the designs for new Lionel equipment. Real railroad blueprints are borrowed, reduced to scale, and followed to the letter. This results in such a high degree of accuracy that Lionel Trains are known as "real trains in everything but size."

Behind Lionel is the experience of 38 years as the world's master model builder. What Lionel has learned from the construction of millions of miniature trains it gives to you today, an unseen, inbuilt quality in every Lionel model.



IN A REAL RAILROAD DISPLAY

The Pennsylvania Railroad came to Lionel to obtain trains to be used in a reproduction of its famous Horseshoe Curve, in the Pennsylvania Station, New York. For thousands of hours—week in, week out; month in, month out—these Lionel Trains kept up a continuous, steady grind around an intricate circuit of tracks.

LONG LIFE FEATURES OF A LIONEL MOTOR

1. **REMOTE CONTROL.**

2. **FIELD**—Of specially prepared electrical steel laminations and scientifically wound with insulated copper wire.

3. **DRIVING WHEELS**—Accurately die-cast, with nickeled tires, to give stability, tractive power and smooth riding.

4. **DRIVING GEARS**—Hobbed from heavy steel blanks, hardened and assembled.

5. **ARMATURE SHAFT BEARINGS**—Armature shaft revolves in special long-wearing bakelite bearings.

6. **ARMATURE**—Of laminated electrical steel, drum wound with double silk covered magnet wire. Made moisture proof by a coating of high grade varnish and baked. The armature shaft is made of best quality drill rod steel.

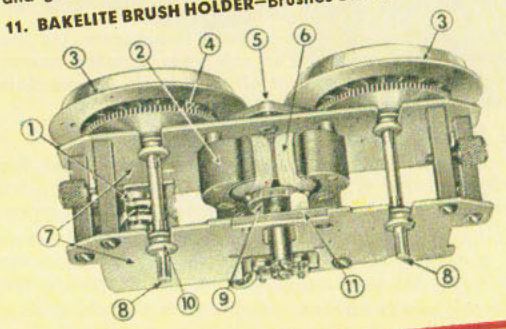
7. **SIDE PLATES**—Support all working parts of motor. Made of heavy gauge steel. Bushing holes are drilled, reamed and perfectly aligned to overcome friction.

8. **AXLES**—Needle bar steel.

9. **COMMUTATOR**—Polished hard copper segments rigidly mounted. Lathe turned to insure perfect commutation and reduce wear on brushes.

10. **AXLE BEARINGS**—Phosphor bronze bearings. Will not wear out quickly. Perfect alignment makes axles and gears operate with minimum of friction.

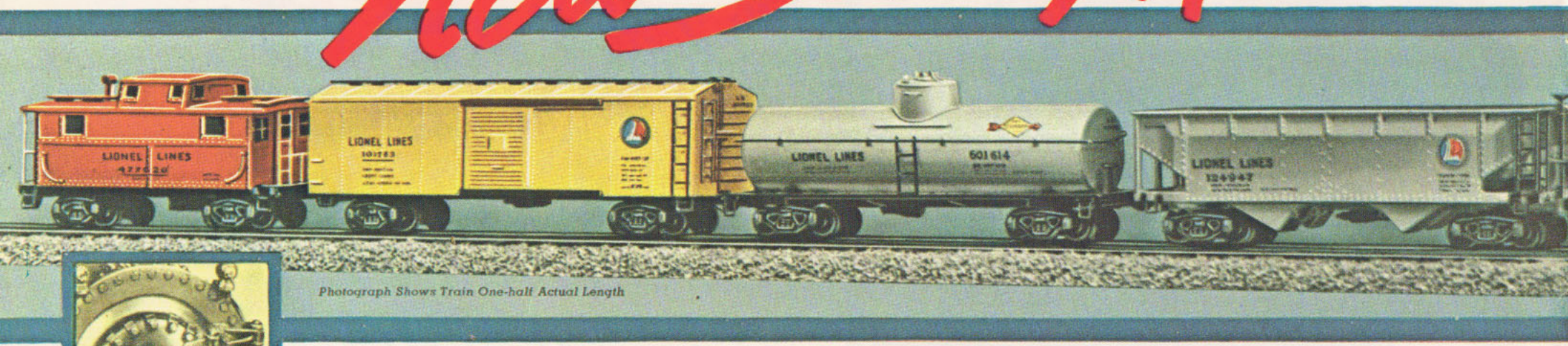
11. **BAKELITE BRUSH HOLDER**—Brushes easily removed.



LIONEL GAUGE

Equipment is 1/76 actual size. Track measures ¾-inch between running rails. A circle is 27 inches in diameter.

New Scale Model



Photograph Shows Train One-half Actual Length

REMOTE CONTROL *WHISTLING* AND *REVERSING!* WORM-GEAR DRIVES! ELECTRIC SWITCHES! SCALE MODEL COUPLERS! BALLASTED ROADBED!

LAST YEAR, Lionel startled the whole model world by mass production of a quarter-inch-scale locomotive—amazing in its accuracy and in its fidelity of detail. No one had ever attempted such a thing before! No one had even dreamed it possible. Such working models had always been prized museum pieces!

BUT—what Lionel did in 1937 was only an introduction for this year's engineering achievement! For, this year, Lionel's master craftsmen have created *the model of all models* . . . an absolute leader in an entirely new field of miniature reproduction.

RAILROADING FOR THE CITY APARTMENT

This year — authentic replicas — massive, impressive and *big enough for practical and efficient operation* — yet so constructed that a complete railroad can be built in the most cramped quarters.

What a gift to father and son who live in a city apartment where room is at a premium! What a joy to those who have always wanted to reproduce extensive railroad operations in small space!

"OO" gauge is the name of the new Lionel series of scale models, complete this year with locomotive, tender, freight cars, track, electric switches, 90-degree crossovers and locomotive construction kits. "OO" gauge track measures ¾ inch between rails. A circle of curved sections measures only 27 inches in diameter.

HUDSON TYPE 4-6-4, WITH WORM-GEAR DRIVE

Visualize the great "O" gauge scale model Lionel Hudson reduced to ⅝ths its size and you will have the new Lionel "OO" gauge locomotive—for the "OO" model has been made from exactly the same blue-prints, reduced to scale, 15¼ inches in length. The engine has a headlight projected through focused lens, hinged smoke box door, side rods of steel, deeply embossed, and complete Baker gear with all its interesting, moving links. Nothing has been overlooked—nothing left undone! The tender has six-wheel trucks, ladders, stainless steel hand rails and imitation coal.

Powered by a heavy-duty Universal motor, through *worm gears*. Requires approximately twelve volts, supplied by any Lionel transformer. Sequence reversing is obtained by the famous Lionel built-in "E" unit. Built-in whistle is operated by remote control.

THREE-RAIL, BAKELITE-MOUNTED TRACK

Lionel "OO" gauge track combines realism in appearance with the service of conducting electrical energy to the locomotive in *the only practical and faultless way possible*. Three tubular rails are mounted on a Bakelite roadbed containing moulded, closely-spaced ties and finished to simulate crushed-rock ballast. A simple but ingenious method is employed for connecting sections of track. The connection can be made rapidly and yet is so positive that it forms a perfect electrical contact. Only with track of this three-rail type is it possible to enjoy the two most exciting features in model railroading: remote control reversing and remote control whistling. In addition, it provides for the use of automatic accessories.

OUTFITS, LOCOMOTIVES AND CONSTRUCTION KITS

OUTFIT No. 0080 Consists of: 001 Locomotive, 001T Tender, 0014 Box car, 0015 Oil car, 0016 Coal car, 0017 Caboose, eleven sections of 0061 Curved track, four sections 0062 Straight track, 0064 Curved connection track, 88 Controller. PRICE $35.00

OUTFIT No. 0080W—Similar to No. 0080 but with built-in whistle and whistle controller. PRICE $39.75

No. 0081 Locomotive and Tender without whistle. PRICE $27.50

No. 0081W Locomotive and Tender with built-in whistle and whistle controller. PRICE $32.25

No. 0081K Locomotive and tender kit. All parts are completely machined and finished. Complete instructions. PRICE $25.00

No. 0081KW Locomotive and tender kit with whistle. PRICE $29.75

No. 001T Tender without built-in whistle. PRICE $ 5.00

No. 001W Tender, built-in whistle and controller. PRICE $10.00

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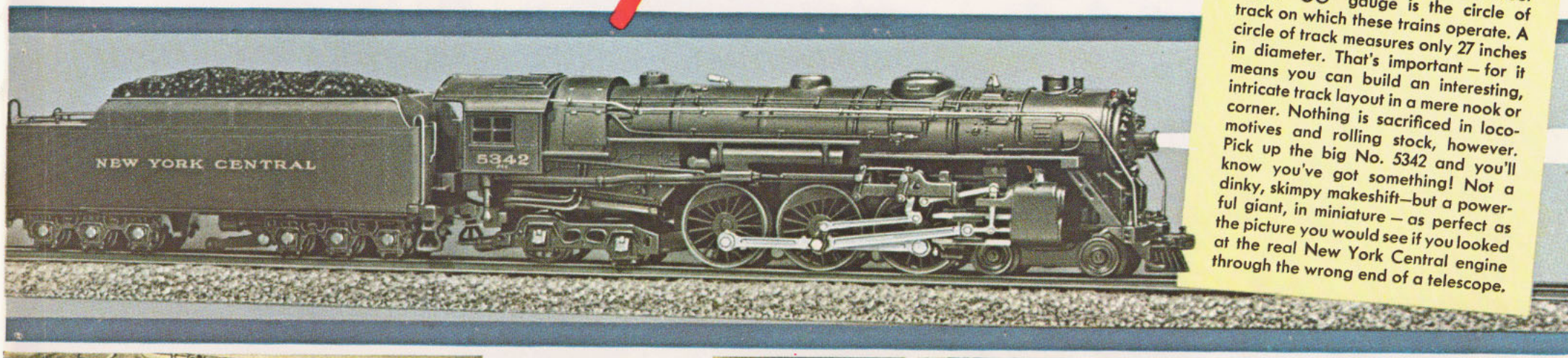
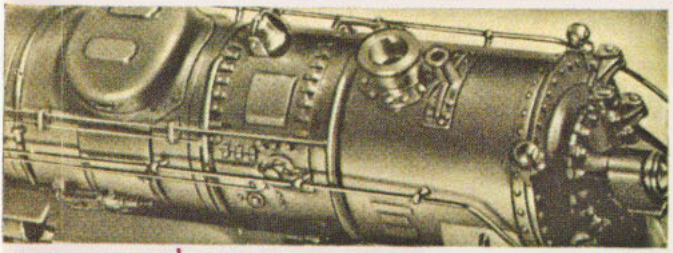
"OO" Gauge

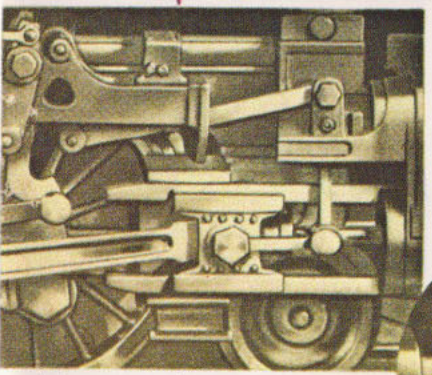
LIONEL OO GAUGE



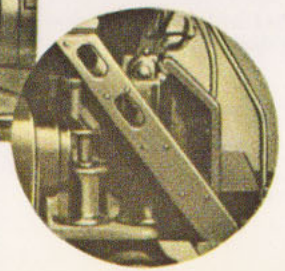
COMPLETE TRAIN OPERATES ON TOP OF BRIDGE TABLE!

● The only thing that is small about Lionel "OO" gauge is the circle of track on which these trains operate. A circle of track measures only 27 inches in diameter. That's important — for it means you can build an interesting, intricate track layout in a mere nook or corner. Nothing is sacrificed in locomotives and rolling stock, however. Pick up the big No. 5342 and you'll know you've got something! Not a dinky, skimpy makeshift—but a powerful giant, in miniature — as perfect as the picture you would see if you looked at the real New York Central engine through the wrong end of a telescope.

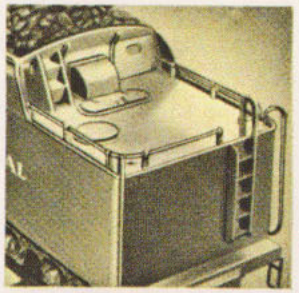


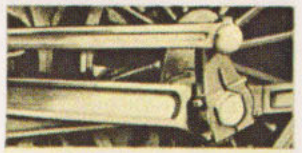


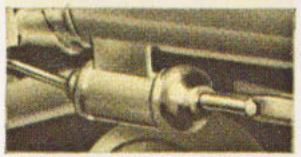
All of the rods, pipes and handrails of the locomotive are correctly proportioned and in their proper place, a joy to the man who loves exactness. Pilot lanterns contain faceted, colored jewels. In the circle below, behind the pilot ladder, the big steam compressors can be seen.



Enlargement of a section showing details of the alligator crossheads.







Above, copy of the steam engine used to reverse the locomotive.

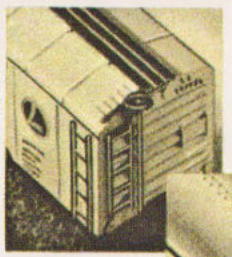
In the pictures at the left and above are two indications of the extremes gone to in order that the tender be complete in every respect. Notice the sharp definition of the core holes, chain lugs and bearing caps shown in the above view of the tender trucks. Stainless steel handrails. A heap of accurately shaped coal.

Rods of the driving gear are channeled and polished. Their precision resembles the movement inside the case of a fine, old timepiece.

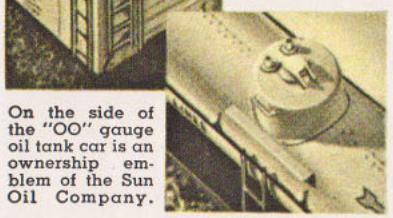
SCALE MODEL FREIGHT CARS

Four modern freight cars have been faithfully reproduced by means of pressure die-casting. All details are defined in clear cut relief.

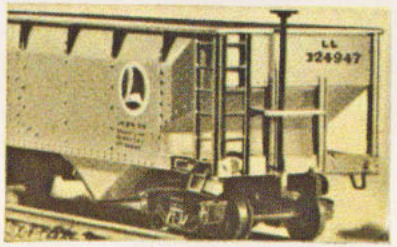
No. 0014 Box Car PRICE $3.00
No. 0015 Oil Car PRICE $3.00
No. 0016 Coal Car PRICE $3.00
No. 0017 Caboose PRICE $3.00



Riveted box car with accurate ladders, brake wheels and run boards. One seventy-sixth the size of the 40-foot original.



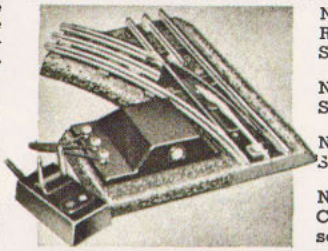
On the side of the "OO" gauge oil tank car is an ownership emblem of the Sun Oil Company.



True scale couplers and standard A.R.A. trucks are on every "OO" gauge car.

"OO" GAUGE REMOTE CONTROL SWITCHES

Switch motors are small so they will not interfere with parallel tracks. Pairs include one right and one left.



No. 0072 Electric Remote Control Switches—Pair, $8.75

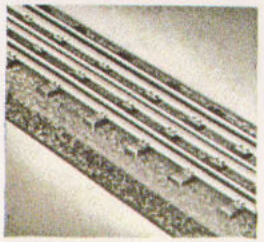
No. 0072R Right Switch PRICE $4.75

No. 0072L Left Hand Switch PRICE $4.75

No. 0070 90-degree Crossing—6¾ inches square PRICE $2.50

BAKELITE MOUNTED "OO" GAUGE TRACK

Curved track measures 7 inches in length. Twelve sections form a circle 27 inches in diameter. Straight track measures 6¾ inches; half-straight, 3⅜ inches.



No. 0061 Curved Track PRICE $.40

No. 0062 Straight Track PRICE $.40

No. 0063 ½-Curved Track PRICE $.35

No. 0065 ½-Straight Track PRICE $.35

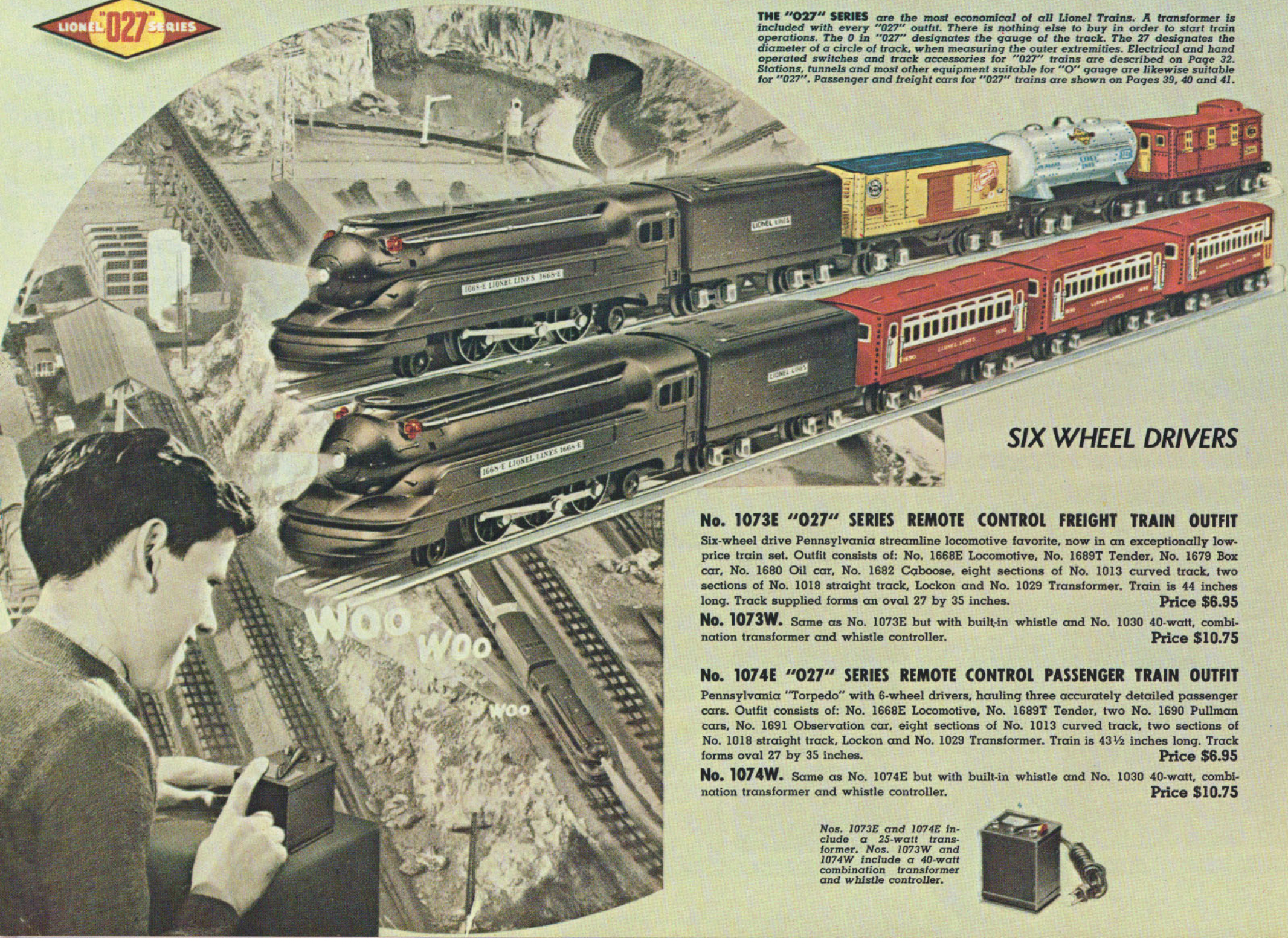
No. 0064 Curved Connection Track $.75

No. 0066 5/6-Size Straight Track $.40

1975 Reproduction, Greenberg Publishing Co.

LIONEL "027" SERIES

THE "027" SERIES *are the most economical of all Lionel Trains. A transformer is included with every "027" outfit. There is nothing else to buy in order to start train operations. The 0 in "027" designates the gauge of the track. The 27 designates the diameter of a circle of track, when measuring the outer extremities. Electrical and hand operated switches and track accessories for "027" trains are described on Page 32. Stations, tunnels and most other equipment suitable for "O" gauge are likewise suitable for "027". Passenger and freight cars for "027" trains are shown on Pages 39, 40 and 41.*



SIX WHEEL DRIVERS

No. 1073E "027" SERIES REMOTE CONTROL FREIGHT TRAIN OUTFIT

Six-wheel drive Pennsylvania streamline locomotive favorite, now in an exceptionally low-price train set. Outfit consists of: No. 1668E Locomotive, No. 1689T Tender, No. 1679 Box car, No. 1680 Oil car, No. 1682 Caboose, eight sections of No. 1013 curved track, two sections of No. 1018 straight track, Lockon and No. 1029 Transformer. Train is 44 inches long. Track supplied forms an oval 27 by 35 inches. **Price $6.95**

No. 1073W. Same as No. 1073E but with built-in whistle and No. 1030 40-watt, combination transformer and whistle controller. **Price $10.75**

No. 1074E "027" SERIES REMOTE CONTROL PASSENGER TRAIN OUTFIT

Pennsylvania "Torpedo" with 6-wheel drivers, hauling three accurately detailed passenger cars. Outfit consists of: No. 1668E Locomotive, No. 1689T Tender, two No. 1690 Pullman cars, No. 1691 Observation car, eight sections of No. 1013 curved track, two sections of No. 1018 straight track, Lockon and No. 1029 Transformer. Train is 43½ inches long. Track forms oval 27 by 35 inches. **Price $6.95**

No. 1074W. Same as No. 1074E but with built-in whistle and No. 1030 40-watt, combination transformer and whistle controller. **Price $10.75**

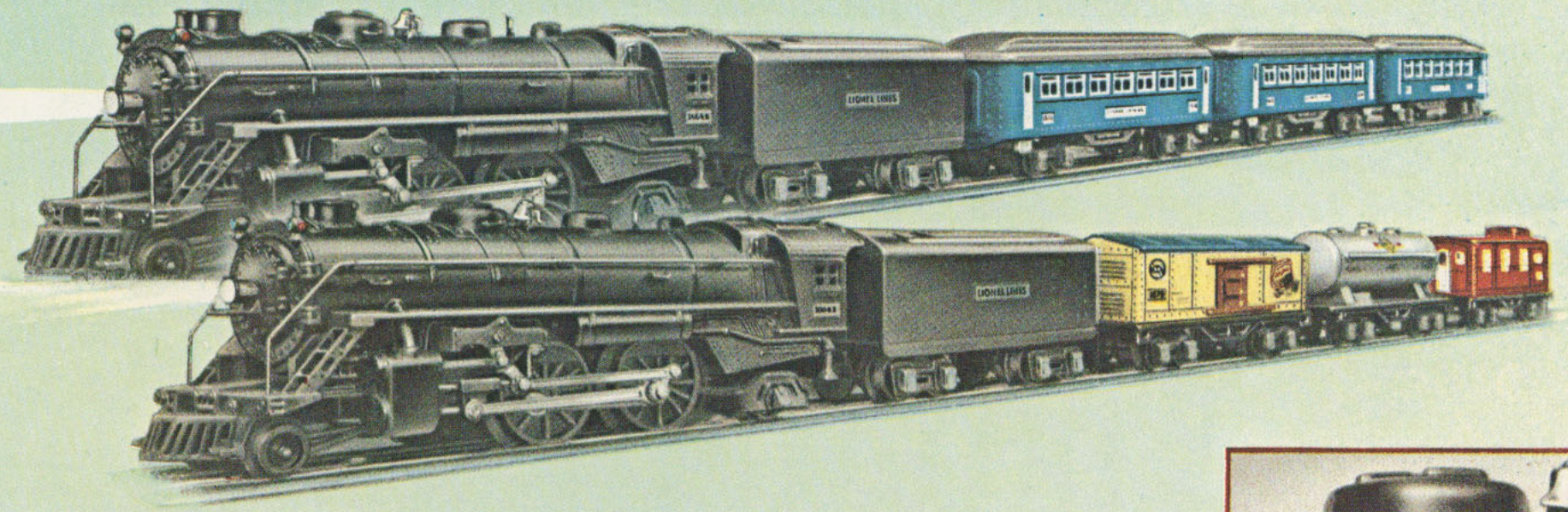
Nos. 1073E and 1074E include a 25-watt transformer. Nos. 1073W and 1074W include a 40-watt combination transformer and whistle controller.

LIONEL "027" SERIES

NEW 2-4-2 SUPER-DETAILED STEAM TYPE LOCOMOTIVES

EQUIPPED WITH FOCUSED HEADLIGHT, HIGHLY DETAILED BOILER, STAINLESS STEEL PIPES AND RODS

Box cars contain the emblem of well-known Baby Ruth Candy, product of the Curtiss Candy Co.



No. 1088E REMOTE CONTROL PASSENGER OUTFIT

A combination of an exceptionally realistic engine and new, low, long, true-to-life Pullman cars. Outfit consists of: No. 1664E Locomotive, No. 1689T Tender, two No. 1630 Pullman cars, No. 1631 Observation car, eight sections of No. 1013 curved track, four of No. 1018 straight track, Lockon and No. 1039 Transformer. Train is 49¼ inches long. Track forms oval 27 by 43 inches. **Price $11.75**

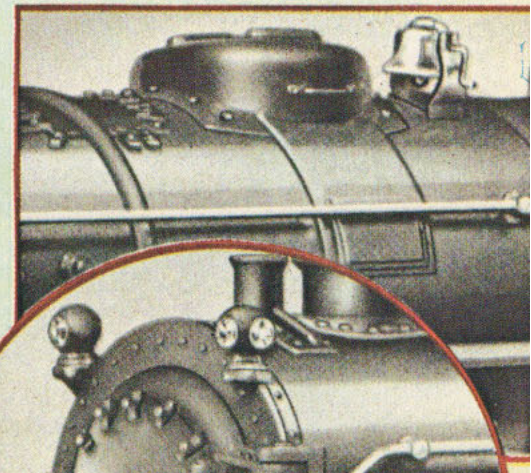
No. 1088W. Same as No. 1088E but with built-in whistle and No. 1040 transformer-whistle controller. **Price $15.50**

No. 1087E REMOTE CONTROL FREIGHT OUTFIT

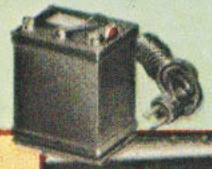
New, accurately detailed 4-wheel drive locomotive with a focused headlight. Outfit consists of No. 1664E Locomotive, No. 1689T Tender, No. 1679 Box car, No. 1680 Oil car, No. 1682 Caboose, eight sections of No. 1013 curved track, two sections of No. 1018 straight track, Lockon and No. 1039 Transformer. Train is 44 inches long. Track supplied forms an oval 27 by 35 inches. **Price $9.95**

No. 1087W. Same as No. 1087E but with built-in whistle and No. 1040 transformer-whistle controller. **Price $13.75**

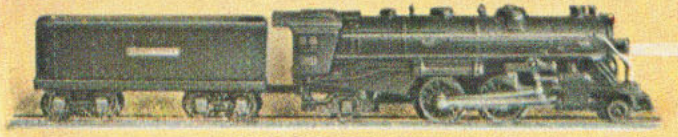
A wealth of accurately designed detail distinguishes this new big "027" series steam type model. Notice the rivets, lugs, hexhead bolts, stanchions and tiny hand grips. The headlight is projected through an optically accurate lens. Pilot lanterns contain sparkling, colored jewels.



These "027" outfits, equipped with built-in whistle, include a 60-watt transformer containing the whistle controls.

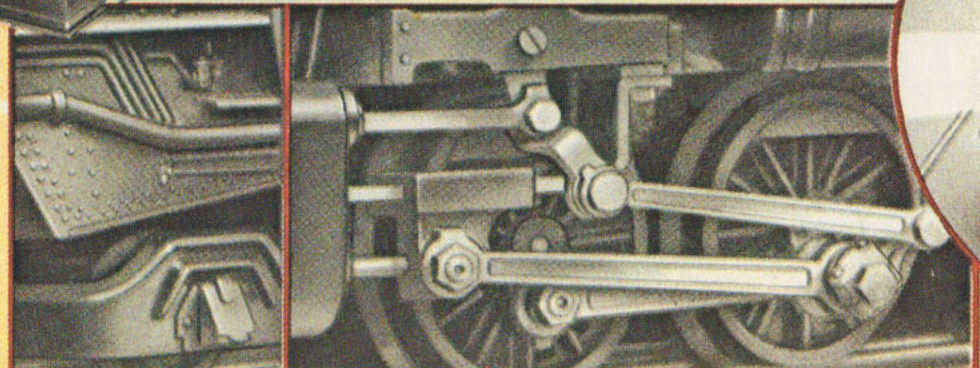


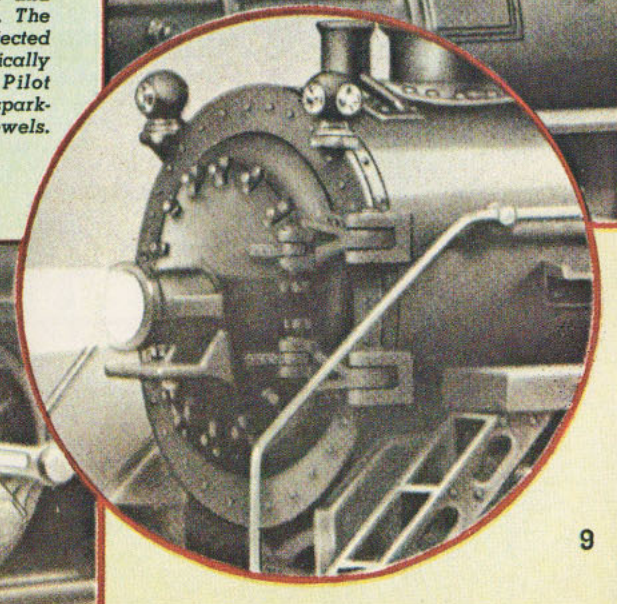
These outfits without whistle include a 35-watt transformer. All "027" transformers have speed control levers.



No. 1664EW LOCOMOTIVE-TENDER OUTFIT

Intricately detailed, die-cast cab and boiler super-structure embellished with stainless steel pipes and domes. For use with "027" series cars only. Equipped with four large drive wheels. Complete with built-in whistle and No. 1040 60-watt combination transformer and whistle controller. Locomotive and tender are 17½ inches long. **Price $9.00**



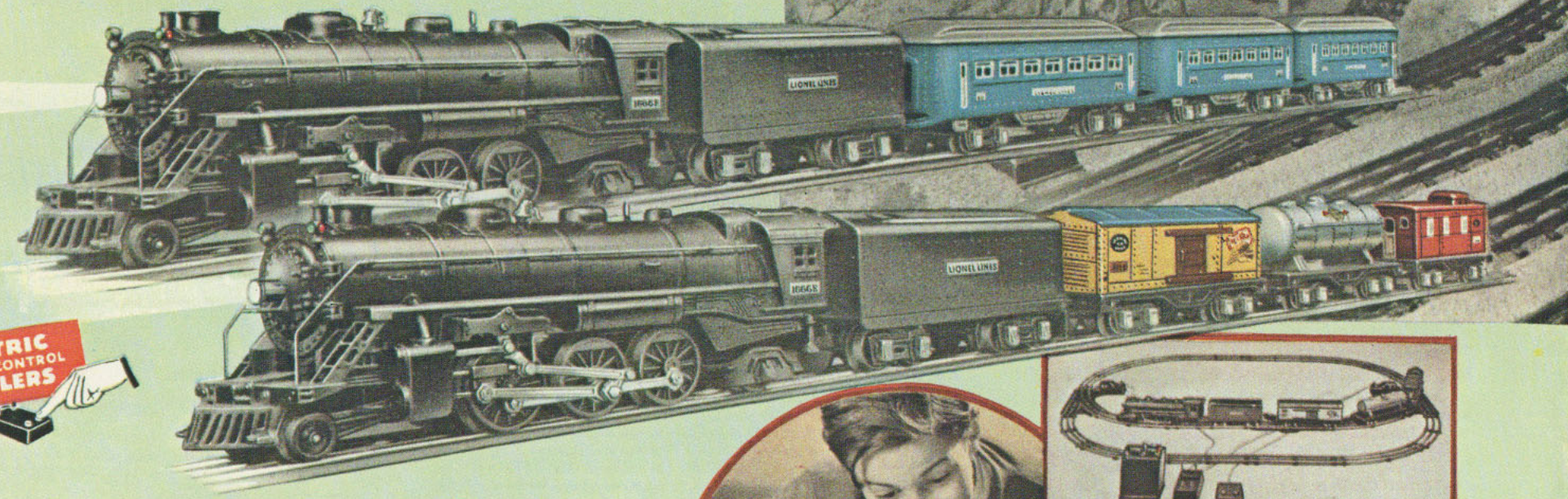


LIONEL "027" SERIES

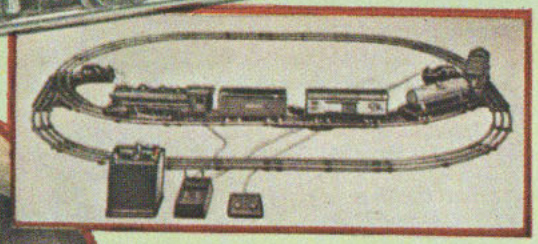
No. 1090E REMOTE CONTROL PASSENGER OUTFIT

Locomotive in this outfit is more accurately detailed than any ever made before for a moderately priced set. Tender and cars have remote control couplers. Outfit consists of: No. 1666E Locomotive, No. 2689T Tender, two No. 2630 Passenger cars, No. 2631 Observation car, eight sections of No. 1013 curved track, three sections of No. 1018 straight track, No. 1019 track set, Lockon and No. 1039 Transformer. Train is 49¼ inches long. Track supplied forms an oval 27 by 43 inches. **Price $13.75**

No. 1090W. Same as No. 1090E but with built-in whistle and No. 1040 60-watt, combination transformer and whistle controller. **Price $17.50**



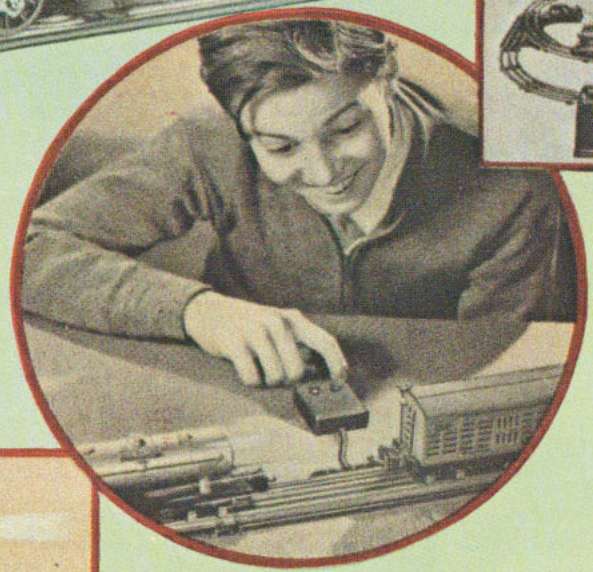
ELECTRIC REMOTE CONTROL COUPLERS



No. 1089E REMOTE CONTROL FREIGHT OUTFIT

New, 6-wheel drive steam type locomotive with fascinating driving gear action. Remote Control couplers are built into tender and all cars. Outfit consists of: No. 1666E Locomotive, No. 2689T Tender, No. 2679 Box car, No. 2680 Oil car, No. 2682 Caboose, eight sections of No. 1013 curved track, three sections of No. 1018 straight track, No. 1019 track set, Lockon and No. 1039 Transformer. Train measures 44 inches. Track supplied forms an oval 27 by 43 inches. **Price $11.95**

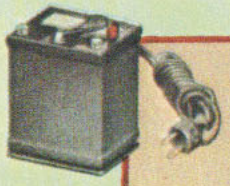
No. 1089W. Same as No. 1089E but with built-in whistle and No. 1040 combination transformer and whistle controller. **Price $15.75**



No. 1093E COMPLETE RAILROAD

Electric remote control switches and electric couplers combine to add extreme interest to the operation of this train. Outfit consists of No. 1666E Locomotive, No. 2689T Tender, No. 2679 Box car, No. 2680 Oil car, No. 2682 Caboose, ten sections of No. 1013 curved track, five sections of No. 1018 straight track, No. 1019 track set, Lockon, No. 1039 Transformer and one pair of No. 1121 Switches. Train is 44 inches long. **Price $16.50**

No. 1093W. Same as No. 1093E but with built-in whistle and with No. 1040 combination transformer and whistle controller. **Price $20.25**



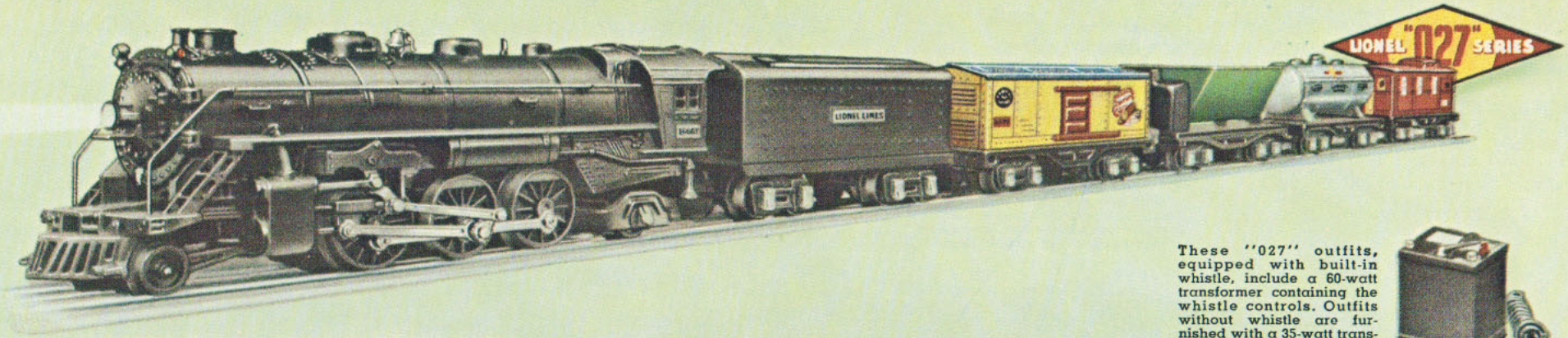
All "027" series outfits include a heavy duty transformer.

No. 1666EW LOCOMOTIVE-TENDER OUTFIT
Complete with electric coupler, built-in whistle and No. 1040 transformer-whistle controller. For use with "027" cars. Length, overall, 17½ inches. **Price $10.75**

ELECTRIC COUPLERS

At a touch of the control button, used at any distance from the track, cars uncouple . . . any car, just as your finger dictates.

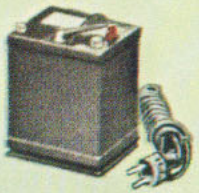
1975 Reproduction, Greenberg Publishing Co.



No. 1091E REMOTE CONTROL FREIGHT OUTFIT

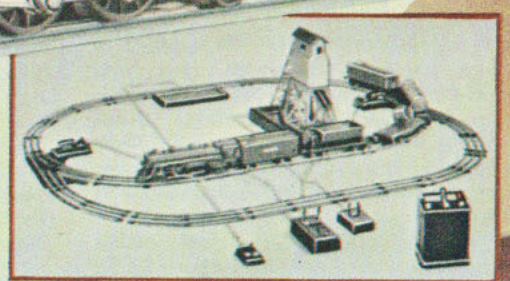
New, 6-wheel drive steam type locomotive and four cars, all with remote control couplers. Electric dump car and unloading bin provide abundant entertainment. Outfit consists of: No. 1666E Locomotive, No. 2689T Tender, No. 2679 Box car, No. 2680 Oil car, No. 3659 Dump car, No. 2682 Caboose, No. 160 Unloading bin, eight sections of No. 1013 curved track, five sections of No. 1018 straight track, No. 1019 track set, Lockon and No. 1039 Transformer. Train is 51 inches long. Track forms oval 27 by 52 inches. **Price $14.75**

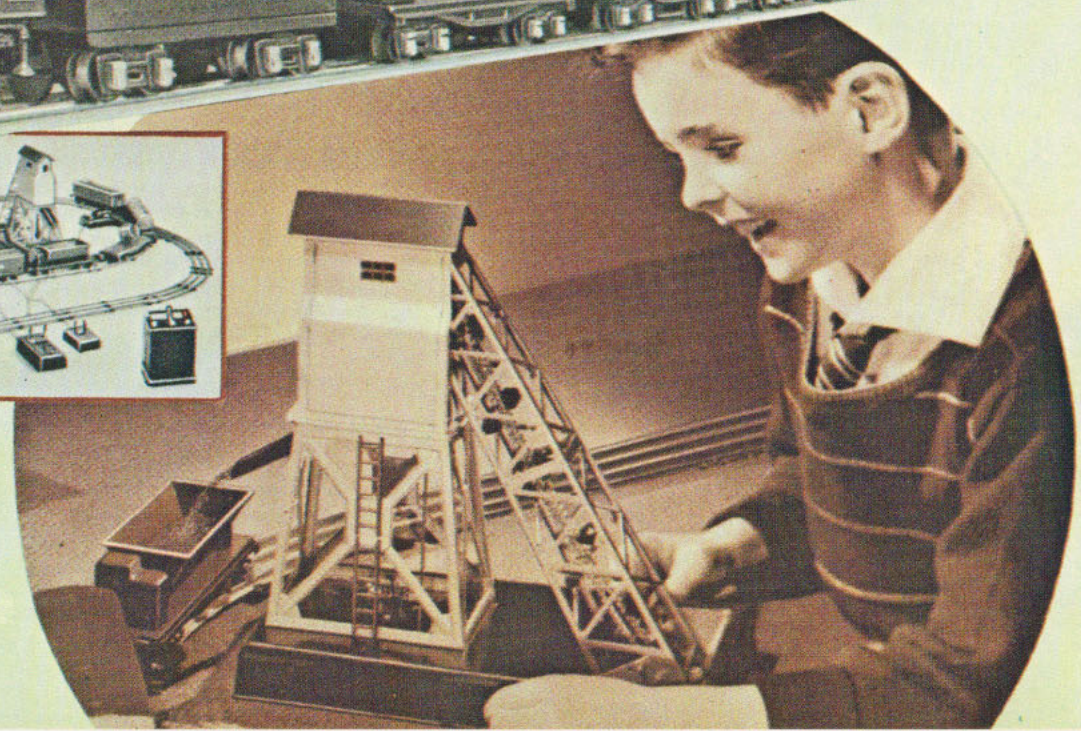
No. 1091W. Same as No. 1091E but with built-in whistle and No. 1040 combination transformer and whistle controller. **Price $18.50**



These "027" outfits, equipped with built-in whistle, include a 60-watt transformer containing the whistle controls. Outfits without whistle are furnished with a 35-watt transformer with speed controls.

Every outfit containing the new, electric, remote control dump car also includes an unloading bin into which the contents of the car may be dumped. A quantity of artificial coal is also provided.





No. 1095W REMOTE CONTROL FREIGHT OUTFIT

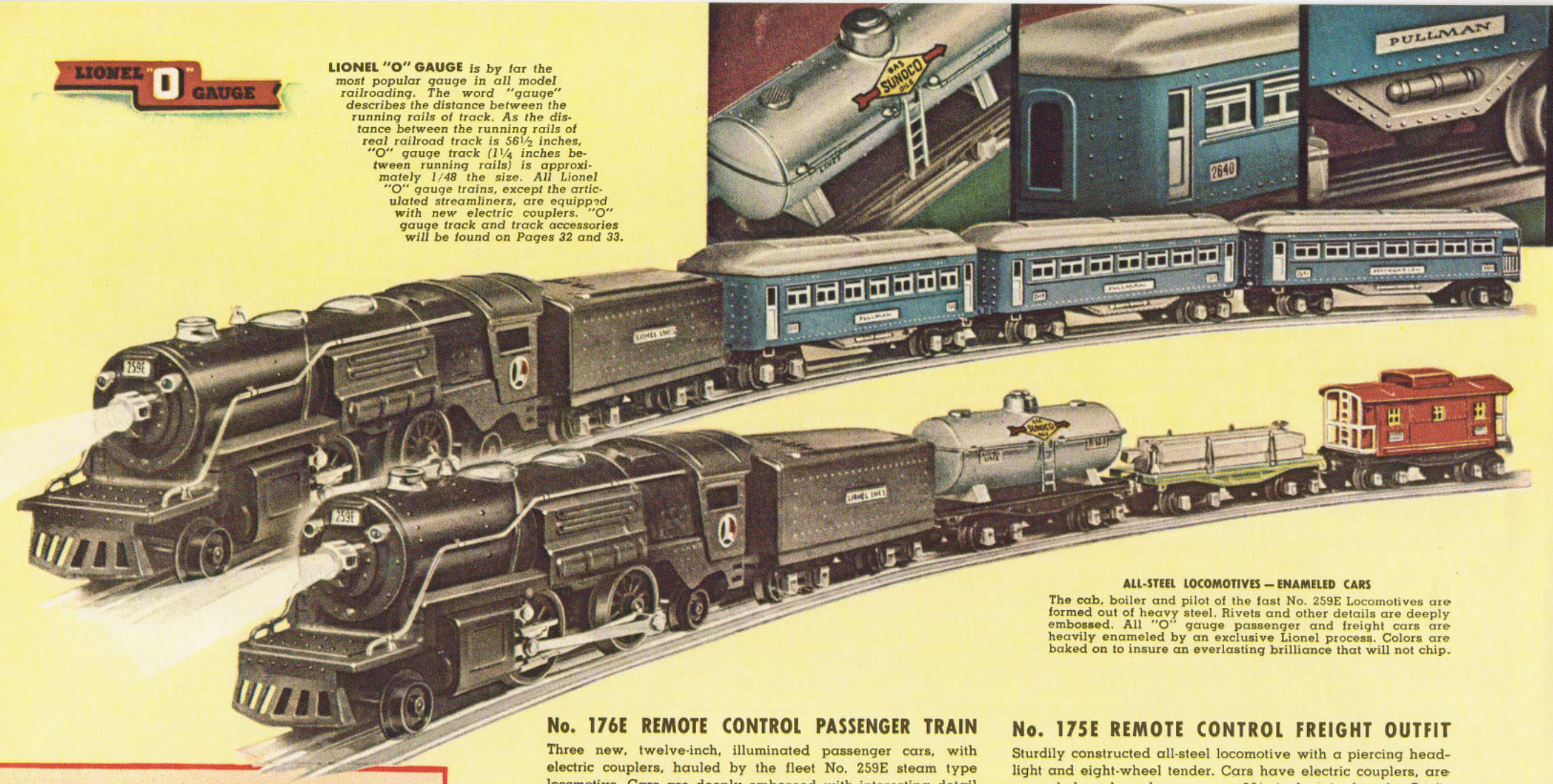
WITH WHISTLE, ELECTRIC SWITCHES AND COAL ELEVATOR

Never has an electric train been made with so many play features — so many things to do! Outfit consists of: No. 1666E Locomotive, No. 2689W Tender, No. 3659 Dump car, No. 2680 Oil car, No. 2620 Floodlight car, No. 2657 enameled Caboose, No. 96 Coal elevator with manually operated bucket conveyor and electric controls for the loading of cars, No. 160 Unloading bin, ten sections of No. 1013 curved track, five sections of No. 1018 straight track, No. 1019 track set, one pair of No. 1121 Switches, Lockon and No. 1040 combination transformer and whistle controller. Train is 50½ inches long. **Price $27.50**

There is a barrel of fun in the operation of controls for this outfit. One set of controls on the transformer for regulating speed and sounding the whistle. Another set to control the loading of cars at the coal elevator. Another to operate the electric switches. And the fourth to operate the electric dump car and to couple and uncouple cars.

LIONEL "O" GAUGE

LIONEL "O" GAUGE *is by far the most popular gauge in all model railroading. The word "gauge" describes the distance between the running rails of track. As the distance between the running rails of real railroad track is 56½ inches, "O" gauge track (1¼ inches between running rails) is approximately 1/48 the size. All Lionel "O" gauge trains, except the articulated streamliners, are equipped with new electric couplers. "O" gauge track and track accessories will be found on Pages 32 and 33.*



ALL-STEEL LOCOMOTIVES — ENAMELED CARS

The cab, boiler and pilot of the fast No. 259E Locomotives are formed out of heavy steel. Rivets and other details are deeply embossed. All "O" gauge passenger and freight cars are heavily enameled by an exclusive Lionel process. Colors are baked on to insure an everlasting brilliance that will not chip.

No. 2259EW LOCOMOTIVE-TENDER OUTFIT

Tender No. 02689W has electric, remote control coupler at car end. Equipped with built-in locomotive whistle. Locomotive and tender measure 15½ inches in length. For use with cars Nos. 2640, 2641 and the 2651 freight series. Can also be used with 651 series, not equipped with electric couplers. Locomotive and tender, with whistle controller. **Price $13.25**

No. 176E REMOTE CONTROL PASSENGER TRAIN

Three new, twelve-inch, illuminated passenger cars, with electric couplers, hauled by the fleet No. 259E steam type locomotive. Cars are deeply embossed with interesting detail and have removable roofs. Outfit consists of: No. 259E Locomotive, No. 2689T Tender, two No. 2640 Illuminated passenger cars, No. 2641 Illuminated observation car, eight sections of OC curved track, one section of OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 49¼ inches long. Track supplied forms oval 40 by 30 inches. **Price $12.95**

Type "L" Multivolt Transformer will operate the above train. Type "B" Multivolt Transformer will operate outfit No. 176W.

No. 176W. Same as No. 176E but with built-in whistle and whistle controller. **Price $16.75**

No. 175E REMOTE CONTROL FREIGHT OUTFIT

Sturdily constructed all-steel locomotive with a piercing headlight and eight-wheel tender. Cars have electric couplers, are enameled and each measures 6¾ inches in length. Outfit consists of: No. 259E Locomotive, No. 2689T Tender, No. 2651 Lumber car, No. 2654 Oil car, No. 2657 Caboose, eight sections of OC curved track, one section of OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 42 inches long. Track supplied forms an oval 40 by 30 inches. **Price $11.95**

Type "L" Multivolt Transformer will operate the above train. Type "B" Multivolt Transformer will operate outfit No. 175W.

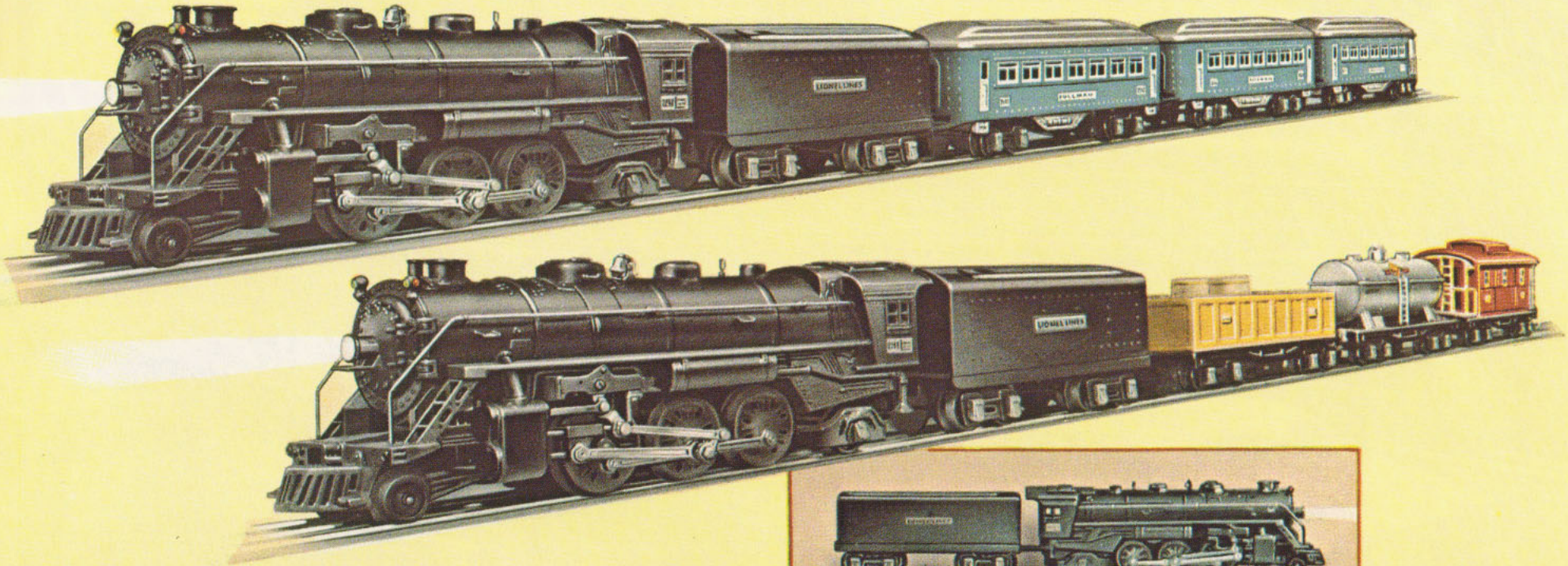
No. 175W. Same as No. 175E but with built-in whistle and whistle controller. **Price $15.75**

Electric Couplers are Standard Equipment

in All "O" Gauge Trains Except Streamliners

HEAVY DUTY 2-6-2 STEAM TYPE LOCOMOTIVE WITH DISC WHEELS

NEW 12-INCH, ILLUMINATED PULLMANS • ENAMELED, FOUR-WHEEL TRUCK FREIGHT CARS



No. 178E "O" GAUGE REMOTE CONTROL PASSENGER TRAIN OUTFIT

Three new, illuminated, 12-inch cars are finished in brilliant enamel, have removable roofs and electric couplers. Locomotive is powered by an "O" gauge motor. Outfit consists of: No. 224E 6-wheel locomotive, No. 2689T Tender, two No. 2640 Illuminated passenger cars, No. 2641 Observation car, eight sections of OC curved track, three sections of OS straight track, R.S.C. track set, Lockon and No. 88 Controller. Train is 49¼ inches long. Track supplied forms an oval 50 by 30 inches. **Price $15.00**

Type "B" Transformer will operate either 178E or W. Type "T" will provide for accessories.

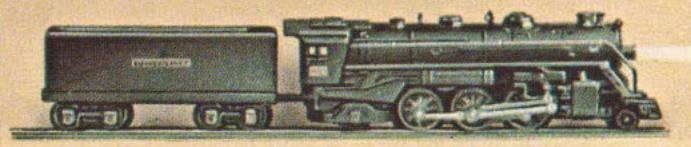
No. 178W. Same as No. 178E, described above, but equipped with built-in whistle and whistle controller. **Price $18.75**

No. 177E "O" GAUGE REMOTE CONTROL FREIGHT TRAIN OUTFIT

A heavy-duty "O" gauge motor supplies the power for this realistic 6-wheel drive locomotive. All cars are enameled and have electric couplers. Outfit consists of: No. 224E Locomotive, No. 2689T Tender, No. 2652 Gondola car, No. 2654 Oil car, No. 2657 Caboose, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 42¼ inches long. Track supplied forms an oval 50 by 30 inches. **Price $13.75**

Type "L" Transformer will operate the above train. Type "B" is recommended for No. 177W

No. 177W. Same as No. 177E, described above, but equipped with built-in whistle and whistle controller. **Price $17.50**



No. 2224EW LOCOMOTIVE-TENDER OUTFIT

Tender No. 02689W has remote control coupler at car end. Equipped with built-in locomotive whistle. For use with cars of the 2640 and 2651 series, also with cars of the 651 series which do not have electric couplers. Locomotive and tender are 17½ inches long. Locomotive and tender, with whistle controller. **Price $15.00**

LIONEL "O" GAUGE

THE FLYING YANKEE

No. 267E "O" GAUGE REMOTE CONTROL STREAMLINE TRAIN OUTFIT

Chromium plated replica of the Boston and Maine's fast Flying Yankee. Built of steel and richly embellished by a wealth of accurate detail. Outfit consists of: No. 616E Power car, two No. 617 Coaches, No. 618 Observation car, No. 88 Reversing controller, eight sections of OC curved track, four sections of OS straight track and Lockon. Train is 42 inches long. Track forms oval 50 by 30 inches. **Price $12.50**

No. 267W. Same as No. 267E but with built-in whistle and whistle controller. **Price $16.50**

Type "B" Transformer will operate this train. Type "T" will provide for many accessories.

No. 616W. Motor car unit only, with built-in whistle and whistle controller. **Price $10.00**

No. 617. Coach with one vestibule. **Price $3.75**

Lionel streamline cars couple into vestibules by an ingenious lock-tight method. Vestibules contain lamps for interior illumination.

LIONEL UNION PACIFIC

"CITY OF DENVER"

No. 299W REMOTE CONTROL STREAMLINE TRAIN

Authentic reproduction of the yellow and golden-brown Pride of the West, the Union Pacific's "City of Denver". Equipped with built-in, remote control whistle. Outfit consists of: No. 636W Power car, two No. 637 Illuminated coaches, No. 638 Illuminated observation car, one Remote control for whistling and reversing, eight sections of OC curved track, four sections of OS straight track and Lockon. Train measures 42½ inches. Track forms an oval 50 by 30 inches. **Price $16.50**

Type "B" Lionel Multivolt Transformer will operate this train. Type "T", of greater capacity, will provide for the addition of numerous accessories.

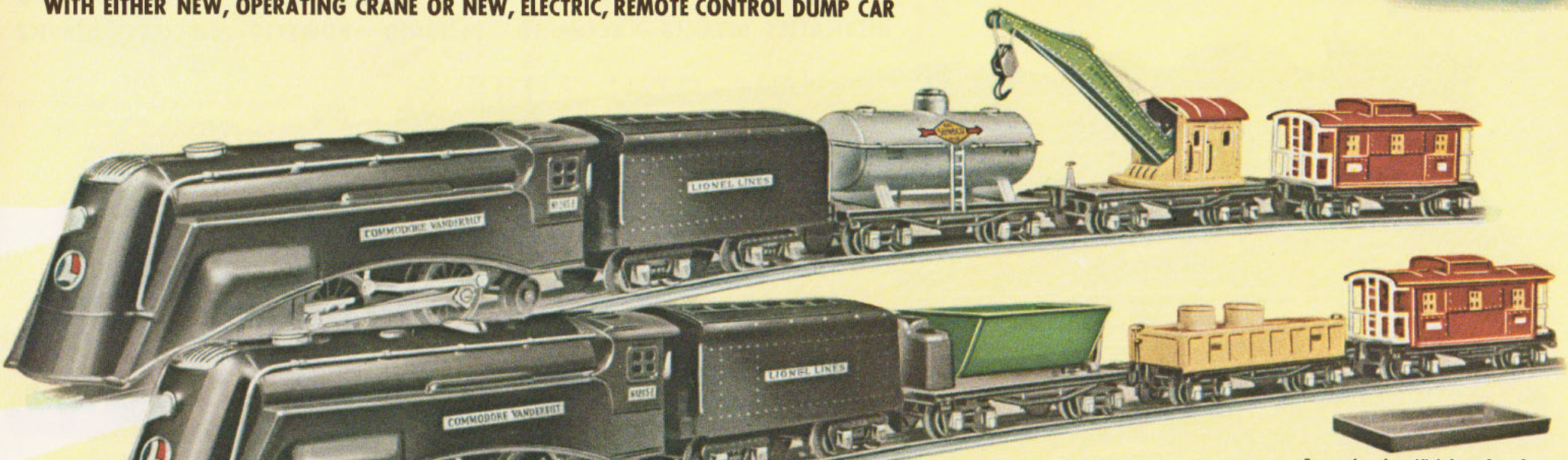
No. 636W. Power car with whistle and whistle controller. **Price $10.00**

No. 637. Coach with one vestibule. **Price $3.75**

FAMOUS COMMODORE VANDERBILT STREAMLINER

WITH EITHER NEW, OPERATING CRANE OR NEW, ELECTRIC, REMOTE CONTROL DUMP CAR

LIONEL "O" GAUGE



A supply of artificial coal and an unloading bin, for the dump car are included in Outfit No. 179E or W.

No. 181E REMOTE CONTROL FREIGHT TRAIN

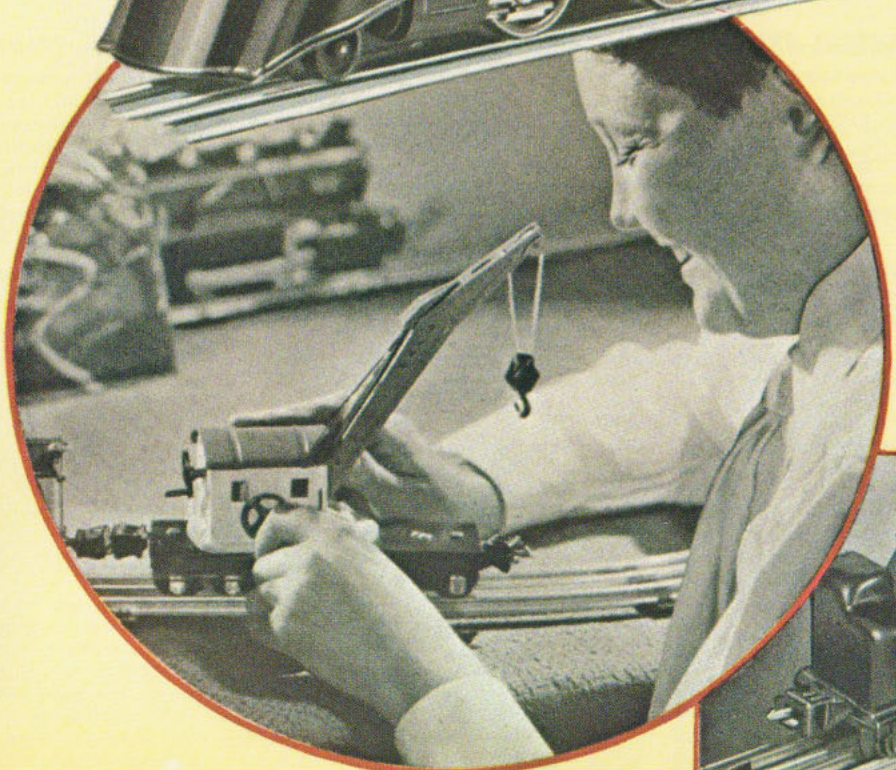
Automatic remote control couplers and a new work crane car! Cars are enameled in brilliant colors and are hauled by the fast Commodore Vanderbilt. Outfit consists of: No. 265E Locomotive, No. 2225T Tender, No. 2654 Oil car, No. 2660 Work crane car, No. 2657 Caboose, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 42¾ inches long. Track that is supplied with this outfit will form an oval 50 by 30 inches. **Price $15.75**

No. 181W. Same as No. 181E but with built-in whistle and whistle controller. **Price $19.50**

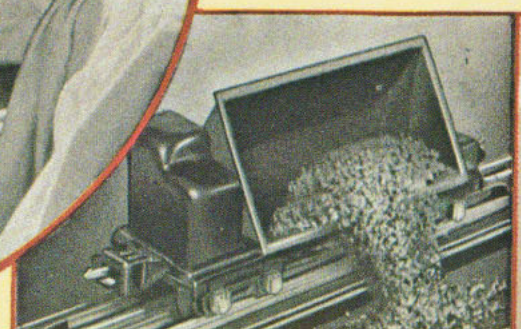
No. 179E REMOTE CONTROL FREIGHT TRAIN

Powered by the speedy Commodore Vanderbilt locomotive. Cars are finished in gleaming enamel and are equipped with automatic, remote control couplers. Outfit consists of: No. 265E Locomotive, No. 2225T Tender, No. 2652 Gondola car, No. 3659 Electric remote control dump car, No. 2657 Caboose, No. 160 Unloading bin, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 42¾ inches long. Track supplied forms an oval 50 by 30 inches. **Price $15.75**

No. 179W. Same as No. 179E but with built-in whistle and whistle controller. **Price $19.50**

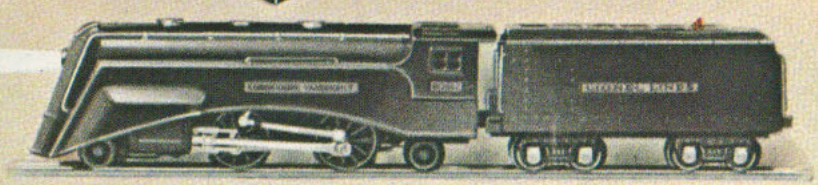


A wheel on the rear of work crane car can be used to raise or lower the boom. Tackle is controlled by a wheel at side. Crane can be turned from side to side.



ELECTRIC REMOTE CONTROL COUPLERS

Type "L" Transformer will operate Outfit No. 179E and 181E. Type "B" Transformer is recommended for Outfit No. 179W and 181W.



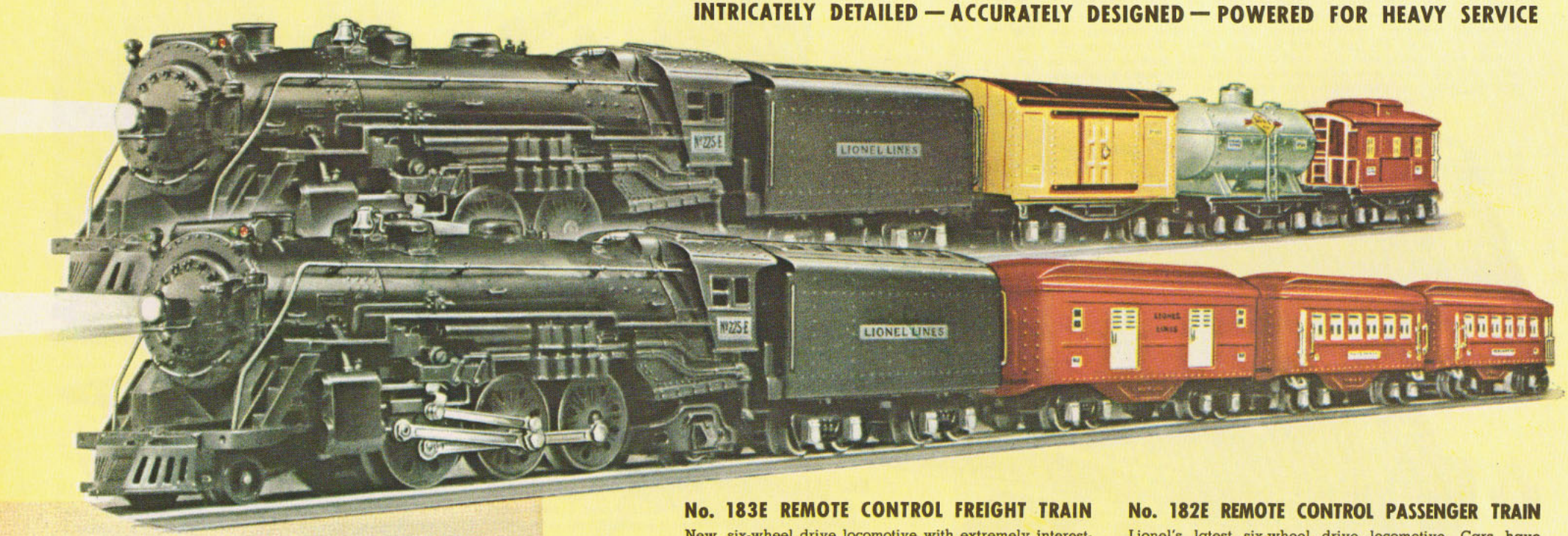
No. 2265EW LOCOMOTIVE-TENDER OUTFIT

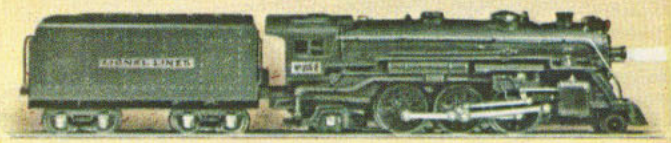
Tender No. 2225W has remote control coupler at car end. Equipped with built-in locomotive whistle. Locomotive and tender are 17 inches long. For use with cars of the 2651, 2640 series; also the 651 series which are not equipped with electric couplers. Locomotive and tender with whistle controller. **Price $13.75**

LIONEL "O" GAUGE

NEW, DISC-WHEELED, 2-6-2 STEAM TYPE ENGINE

INTRICATELY DETAILED — ACCURATELY DESIGNED — POWERED FOR HEAVY SERVICE





No. 2225EW LOCOMOTIVE-TENDER OUTFIT

Tender No. 2225W has remote control coupler at car end. Equipped with built-in locomotive whistle. For use with cars of the 2640 and 2651 series; also with those of the 651 series which are not equipped with electric couplers. Locomotive and tender are 18¾ inches long. Complete with whistle controller. **Price $17.50**

No. 183E REMOTE CONTROL FREIGHT TRAIN

New, six-wheel drive locomotive with extremely interesting details. Cars are equipped with electric, remote control couplers. Outfit consists of No. 225E Locomotive, No. 2225T Tender, No. 2654 Oil car, No. 2655 Box car, No. 2657 Caboose, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 43¼ inches long. Track supplied forms an oval 50 by 30 inches. **Price $17.75**

Type "B" Transformer will operate this train. Type "T" will provide for the addition of many accessories.

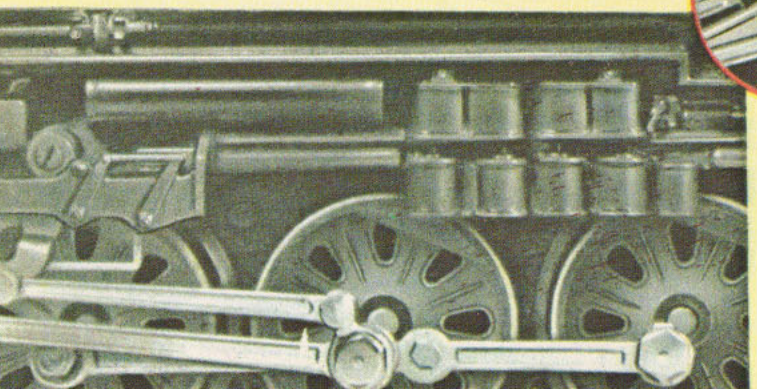
No. 183W. Same as No. 183E but with built-in whistle and whistle controller. **Price $21.50**

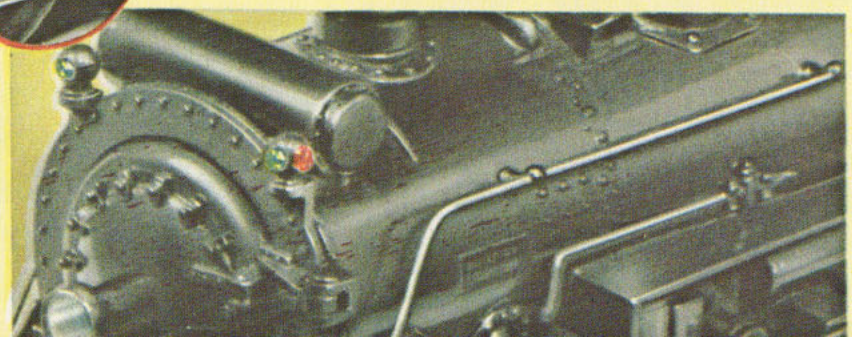
No. 182E REMOTE CONTROL PASSENGER TRAIN

Lionel's latest six-wheel drive locomotive. Cars have remote control couplers. Outfit consists of: No. 225E Locomotive, No. 2265T Tender, No. 2600 Illuminated Pullman, No. 2601 Illuminated Observation car, No. 2602 Illuminated Baggage car, eight sections of OC curved track, three OS straight track, R.C.S. track set, Lockon and No. 88 Controller. Train is 49¼ inches long. Track supplied forms an oval 50 by 30 inches. **Price $17.75**

Type "B" Transformer will operate this train. Type "T" will provide for the addition of many accessories.

No. 182W. Same as No. 182E but with built-in whistle and whistle controller. **Price $21.50**





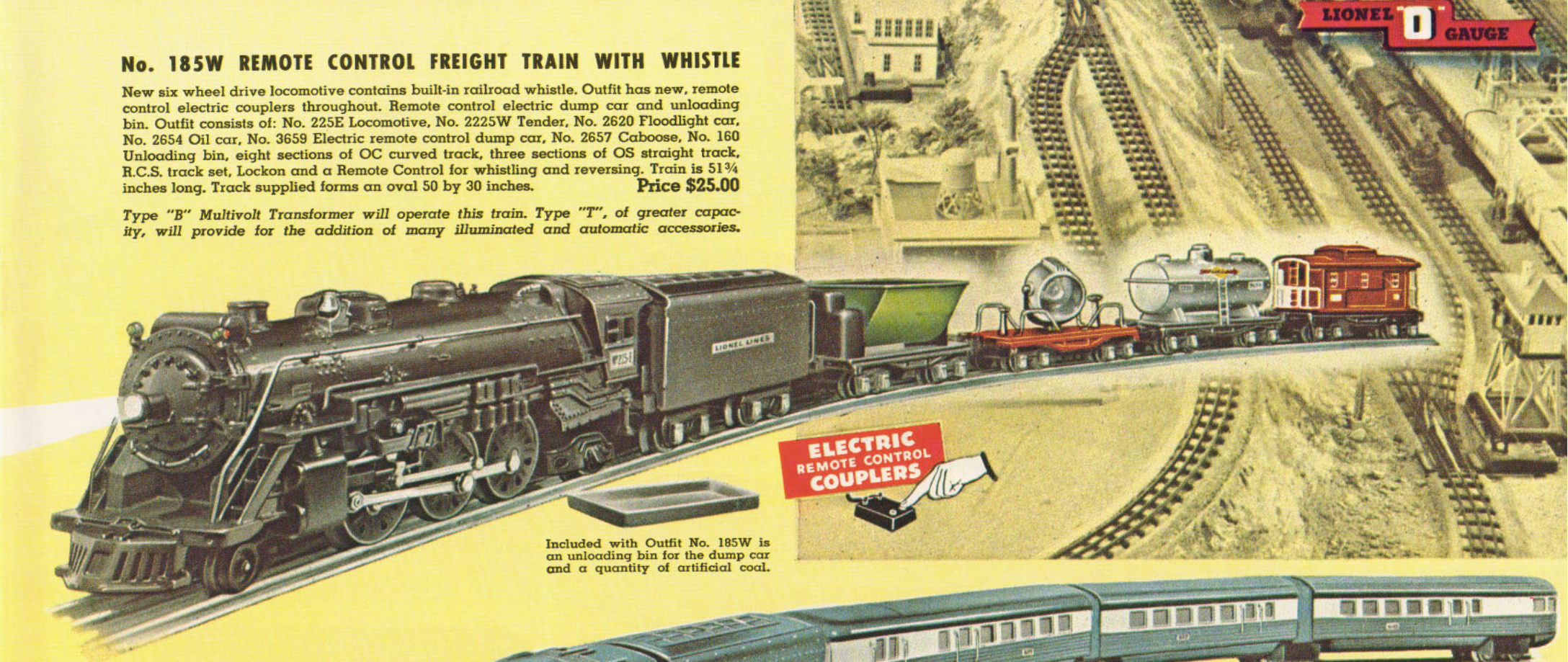
ELECTRIC REMOTE CONTROL COUPLERS

By every way of looking at it, Lionel's new 2-6-2 steam type, scale-approximated model is the peer in its class. Driven by six modern Baldwin disc wheels with steel tires. On one side of the engine is a series of interesting air compressors. Headlight is accurately proportioned, with its lamp housed within a smoke box door that opens on hinges.

No. 185W REMOTE CONTROL FREIGHT TRAIN WITH WHISTLE

New six wheel drive locomotive contains built-in railroad whistle. Outfit has new, remote control electric couplers throughout. Remote control electric dump car and unloading bin. Outfit consists of: No. 225E Locomotive, No. 2225W Tender, No. 2620 Floodlight car, No. 2654 Oil car, No. 3659 Electric remote control dump car, No. 2657 Caboose, No. 160 Unloading bin, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a Remote Control for whistling and reversing. Train is 51¾ inches long. Track supplied forms an oval 50 by 30 inches. **Price $25.00**

Type "B" Multivolt Transformer will operate this train. Type "T", of greater capacity, will provide for the addition of many illuminated and automatic accessories.



Included with Outfit No. 185W is an unloading bin for the dump car and a quantity of artificial coal.

No. 295W REMOTE CONTROL PASSENGER TRAIN WITH WHISTLE

Streamlined "Blue Streak" headed by the powerful "O" gauge Commodore Vanderbilt locomotive. Whistle equipped. Richly enameled in blue and white. Ingeniously coupled with vestibules. Cars are illuminated. Outfit consists of: No. 265E Locomotive, No. 265WX Streamlined coal tender, No. 619 Baggage coach, No. 617 Coach, No. 618 Observation car, a Remote Control for whistling and reversing, eight sections of OC curved track, four sections of OS straight track and Lockon. Train is 50½ inches long. Track supplied forms an oval 50 by 30 inches. **Price $21.50**

Type "B" Multivolt Transformer will operate this train. Type "T", of greater capacity, will provide for the addition of many illuminated and automatic accessories.

Cars in the Lionel "Blue Streak" are fluted, like those in most streamliners. A wide white stripe borders the windows throughout the length of the train. The last car is an observation with a tapering end, surrounded by wide-vision windows.

LIONEL "O" GAUGE

THE "PENNSY" TORPEDO

ELECTRIC REMOTE CONTROL COUPLERS

No. 2238EW LOCOMOTIVE-TENDER OUTFIT

Accurate model of the Pennsylvania Torpedo. Complete with built-in whistle and electric coupler on car end of tender, No. 2265W, depressed smoke stack, steam and sand domes. Locomotive and tender are 19 inches long. For use with cars of the 2600, 2613 and 2810 series; also with the 600, 613 and 810 series which do not have electric couplers. Locomotive and tender with whistle controller. **Price $20.75**

No. 186W REMOTE CONTROL PASSENGER TRAIN WITH WHISTLE

Whistle-equipped Torpedo train with remote control couplers. Big streamlined locomotive is an authentic copy of a modern Pennsylvania Railroad design. Outfit consists of: No. 238E Locomotive, No. 2265W Tender, No. 2600 Pullman car, No. 2601 Observation car, No. 2602 Baggage car, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a Remote Control for whistling and reversing. Train is 50 inches long. Track forms oval 50 by 30 inches. **Price $21.75**

Type "B" Lionel Multivolt Transformer will operate this train. Type "T", of greater capacity, will provide for the addition of many accessories.

No. 187W REMOTE CONTROL FREIGHT TRAIN WITH WHISTLE

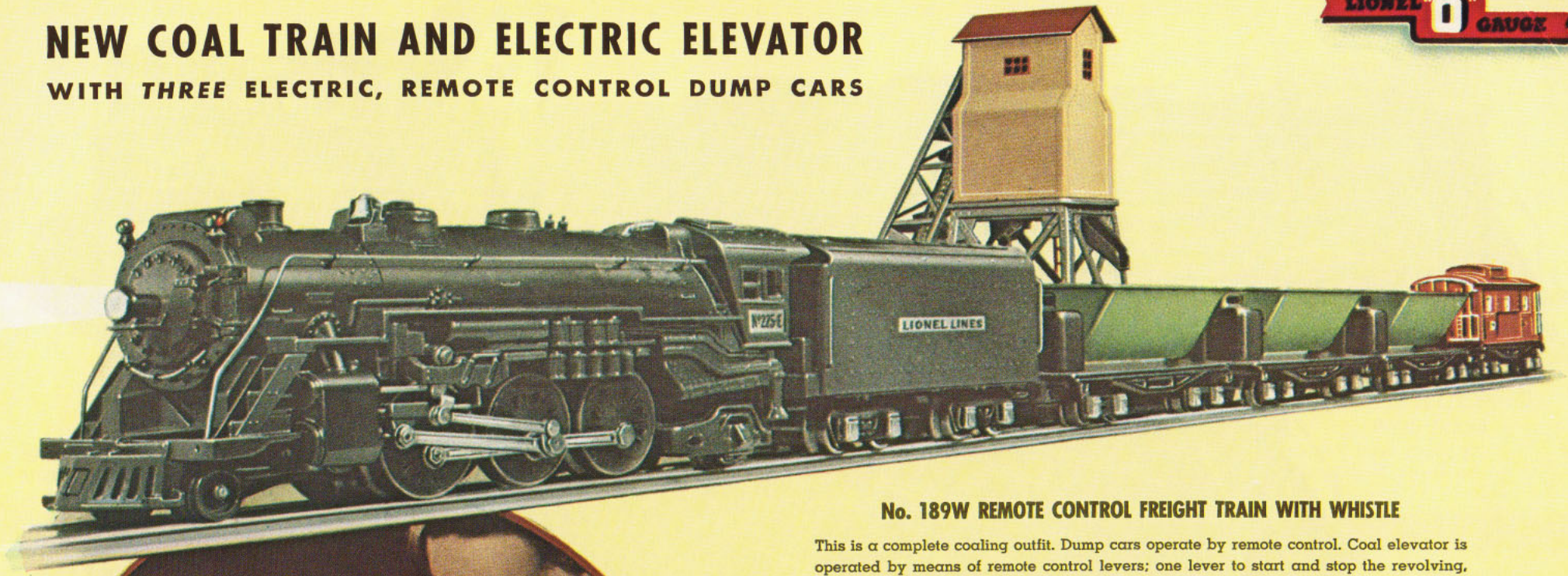
Torpedo locomotive, with whistle, hauling four interesting cars. Equipped throughout with electric couplers. Outfit consists of: No. 238E Locomotive, No. 2225W Tender, No. 2653 Coal car, No. 2654 Oil car, No. 2655 Box car, No. 2657 Caboose, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a Remote Control for whistling and for reversing the train. Train is 52 inches long. Track supplied forms an oval 50 by 30 inches. **Price $21.75**

Type "B" Lionel Multivolt Transformer will operate this train. Type "T", of greater capacity, will provide for the addition of many accessories.

LIONEL "O" GAUGE

NEW COAL TRAIN AND ELECTRIC ELEVATOR

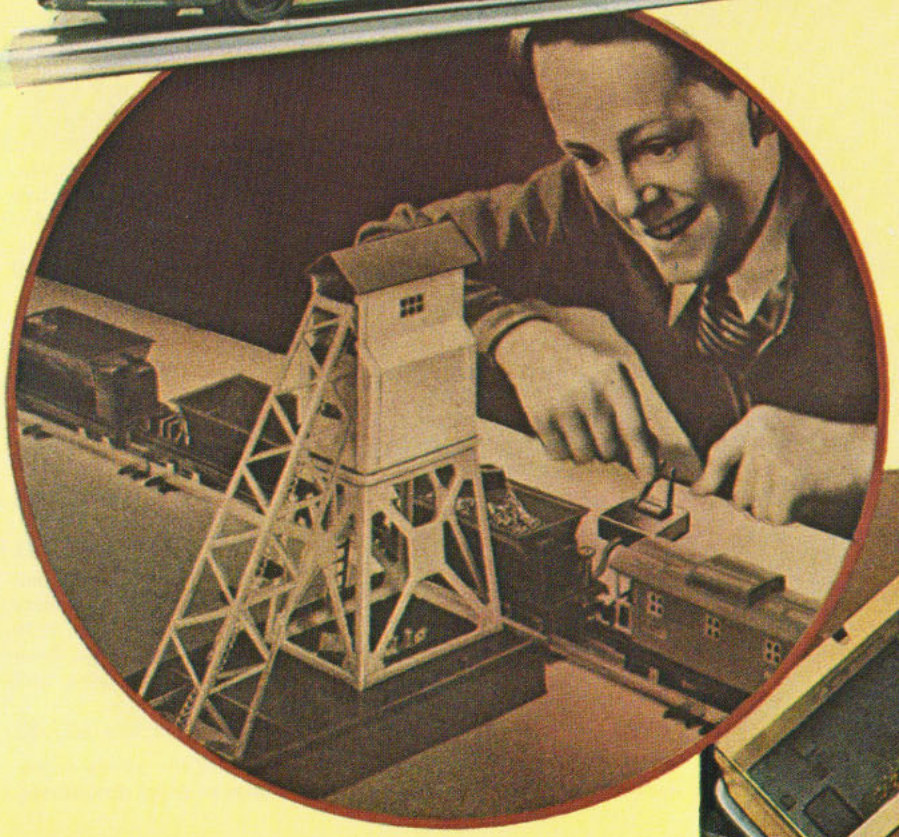
WITH *THREE* ELECTRIC, REMOTE CONTROL DUMP CARS



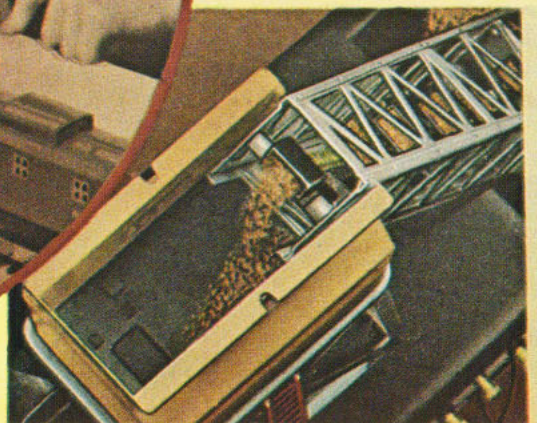
No. 189W REMOTE CONTROL FREIGHT TRAIN WITH WHISTLE

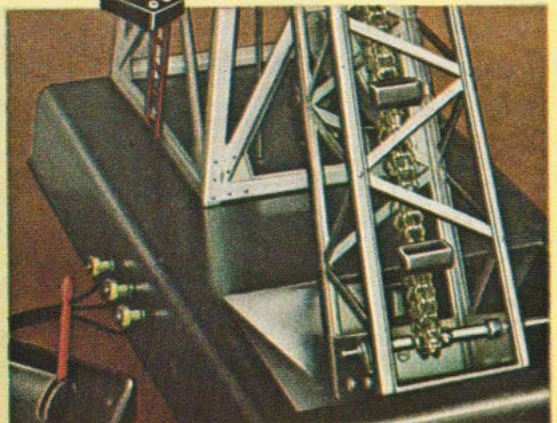
This is a complete coaling outfit. Dump cars operate by remote control. Coal elevator is operated by means of remote control levers; one lever to start and stop the revolving, endless chain and the other to open and close a gate in loft, which allows its contents to pour down through chute to the waiting car. All cars have electric couplers. Outfit consists of: No. 225E Six-wheel steam locomotive, No. 2225W Tender, three No. 3659 Electric dump cars, No. 2657 Caboose, No. 97 Electric coal elevator, three No. 160 Unloading bins, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a Remote Control for operating whistle and reversing train. Train is 51 inches long. Track supplied forms an oval 50 by 30 inches. **Price $29.50**

Type "T" Transformer will operate this train. Type "K" will provide for many accessories.



ELECTRIC REMOTE CONTROL COUPLERS

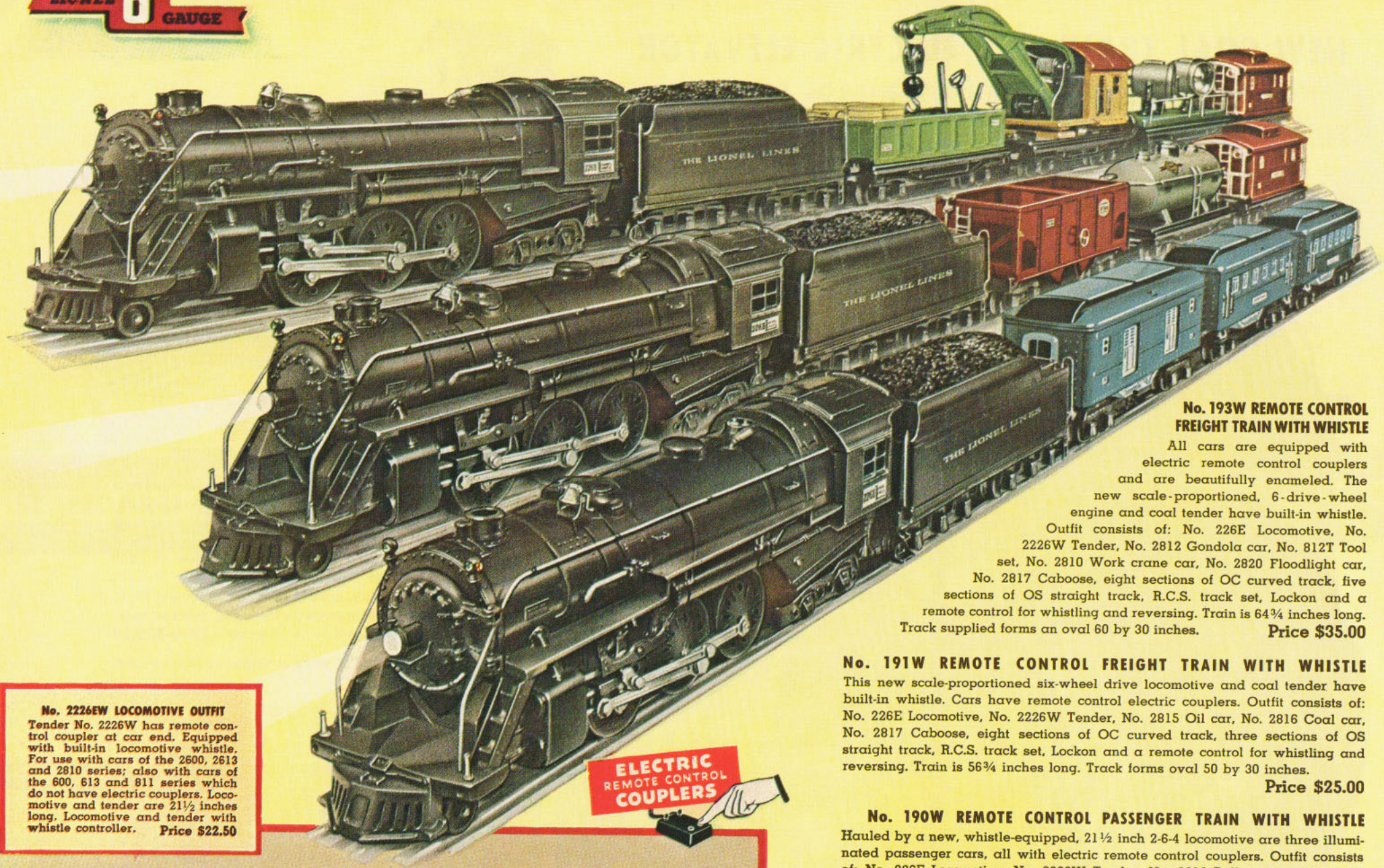




Buckets on an endless chain scoop up gravel or artificial coal from a well in the base and lift it to the top of structure, dumping it in the loft.

Looking down inside the loft of the coal elevator you can see how buckets are unloaded. Notice the square gate in the tilted bottom of loft. Gate is opened and closed by remote control.

Every one of the new, electric, remote control dump cars includes an unloading bin into which the content of cars is dumped. Artificial coal is also supplied.



No. 193W REMOTE CONTROL FREIGHT TRAIN WITH WHISTLE

All cars are equipped with electric remote control couplers and are beautifully enameled. The new scale-proportioned, 6-drive-wheel engine and coal tender have built-in whistle. Outfit consists of: No. 226E Locomotive, No. 2226W Tender, No. 2812 Gondola car, No. 812T Tool set, No. 2810 Work crane car, No. 2820 Floodlight car, No. 2817 Caboose, eight sections of OC curved track, five sections of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 64¾ inches long. Track supplied forms an oval 60 by 30 inches. **Price $35.00**

No. 191W REMOTE CONTROL FREIGHT TRAIN WITH WHISTLE

This new scale-proportioned six-wheel drive locomotive and coal tender have built-in whistle. Cars have remote control electric couplers. Outfit consists of: No. 226E Locomotive, No. 2226W Tender, No. 2815 Oil car, No. 2816 Coal car, No. 2817 Caboose, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 56¾ inches long. Track forms oval 50 by 30 inches.

Price $25.00

No. 190W REMOTE CONTROL PASSENGER TRAIN WITH WHISTLE

Hauled by a new, whistle-equipped, 21½ inch 2-6-4 locomotive are three illuminated passenger cars, all with electric remote control couplers. Outfit consists of: No. 226E Locomotive, No. 2226W Tender, No. 2613 Pullman car, No. 2614 Observation car, No. 2615 Baggage car, eight sections of OC curved track, three OS straight track, R.C.S. track set, Lockon, a remote control for whistling and reversing. Train is 56½ inches long. Track forms oval 50 by 30 inches.

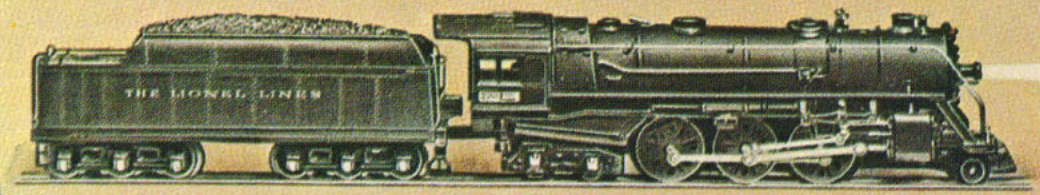
Price $27.50

Type "T" Lionel Multivolt Transformer will operate any of the above trains. Type "K", of greater capacity, will provide for the addition of many accessories.

No. 2226EW LOCOMOTIVE OUTFIT

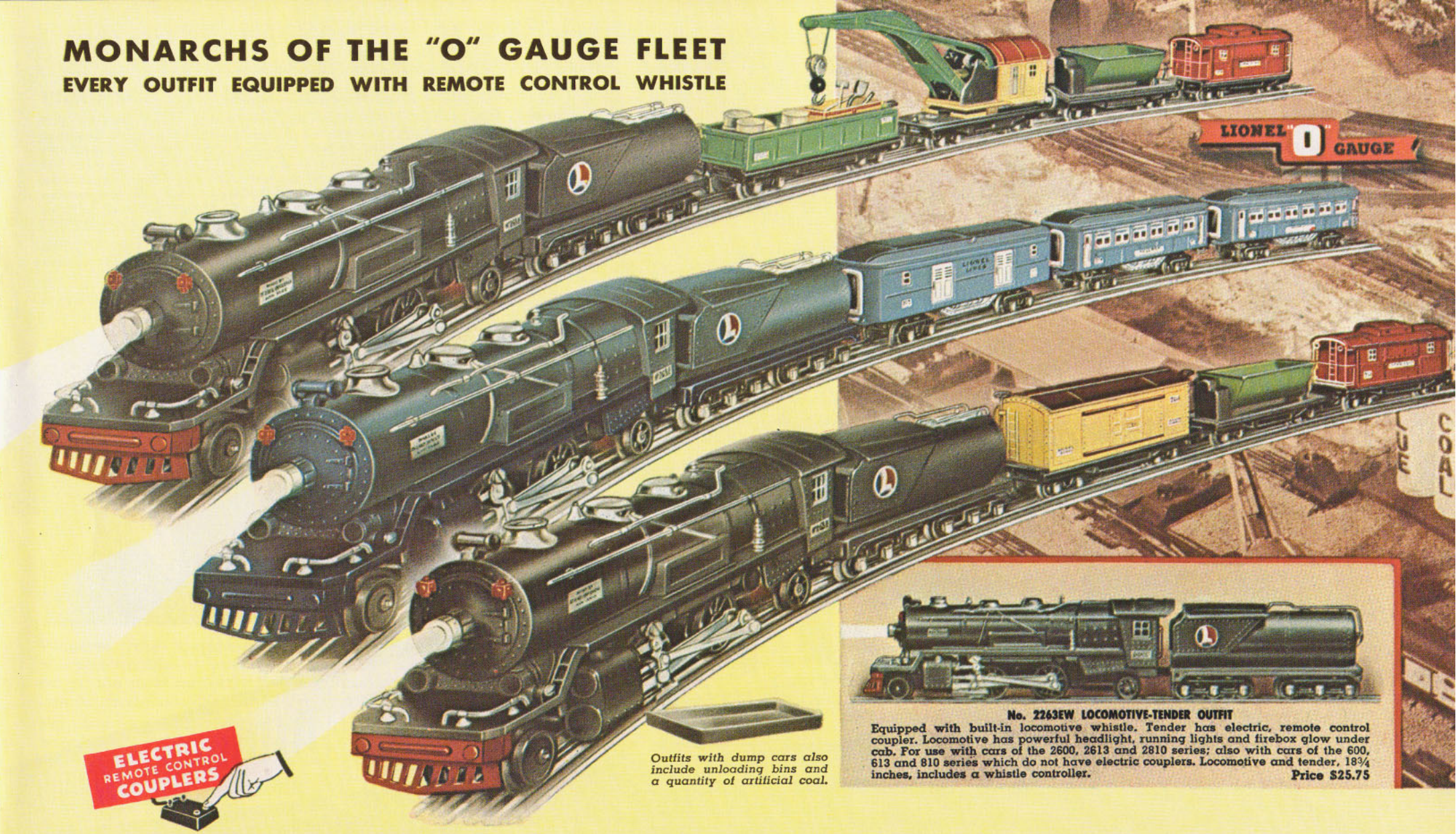
Tender No. 2226W has remote control coupler at car end. Equipped with built-in locomotive whistle. For use with cars of the 2600, 2613 and 2810 series; also with cars of the 600, 613 and 811 series which do not have electric couplers. Locomotive and tender are 21½ inches long. Locomotive and tender with whistle controller. **Price $22.50**

ELECTRIC REMOTE CONTROL COUPLERS



MONARCHS OF THE "O" GAUGE FLEET

EVERY OUTFIT EQUIPPED WITH REMOTE CONTROL WHISTLE



Outfits with dump cars also include unloading bins and a quantity of artificial coal.

No. 2263EW LOCOMOTIVE-TENDER OUTFIT

Equipped with built-in locomotive whistle. Tender has electric, remote control coupler. Locomotive has powerful headlight, running lights and firebox glow under cab. For use with cars of the 2600, 2613 and 2810 series; also with cars of the 600, 613 and 810 series which do not have electric couplers. Locomotive and tender, 18¾ inches, includes a whistle controller. Price $25.75

No. 197W REMOTE CONTROL WORK TRAIN

One of the most fascinating of all "O" gauge outfits, equipped with whistle and new, remote control electric couplers. Contains an electric dump car which is operated by remote control. Outfit consists of: No. 263E Locomotive, No. 2263W Tender, No. 2812 Gondola car, No. 812T Tool set, No. 2810 Work crane car, No. 3859 Electric dump car, No. 2817 Caboose, No. 160 Unloading bin, eight sections of OC curved track, five sections of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 63 inches long. Track supplied forms an oval 60 by 30 inches. **Price $37.50**

Type "T" Transformer will operate this train and a few accessories.

No. 194W REMOTE CONTROL PASSENGER TRAIN

The "O" gauge Blue Comet, with built-in whistle. All cars have illuminated interiors and are equipped with electric, remote control couplers. Outfit consists of: No. 263E Locomotive, No. 2263W Tender, No. 2613 Pullman car, No. 2614 Observation car, No. 2615 Baggage car, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 54½ inches long. Track supplied forms an oval 50 by 30 inches. **Price $30.00**

Type "T" Transformer will operate this train and a few accessories.

No. 195W REMOTE CONTROL FREIGHT TRAIN

Whistle-equipped freight outfit contains as special feature the electric dump car which is operated by remote control. All cars are equipped with electric, remote control couplers. Outfit consists of: No. 263E Locomotive, No. 2263W Tender, No. 2814 Box car, No. 3859 Electric Dump car, No. 160 Unloading bin, No. 2817 Caboose, eight sections of OC curved track, three sections of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 52½ inches long. Track supplied forms an oval 50 by 30 inches. **Price $27.50**

Type "T" Transformer will operate this train and a few accessories.

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LIONEL "072" SERIES

UNION PACIFIC "CITY OF PORTLAND"

LIONEL "072" SERIES *comprises the most accurate and authentic trains ever made. The "0" in "072" designates the width of the track as "0" gauge. The 72 designates the diameter, in inches, of a circle of "072" track, center to center. Lionel "072" series trains require space—but they compensate for every inch of it with their extremely realistic appearance and operation.*

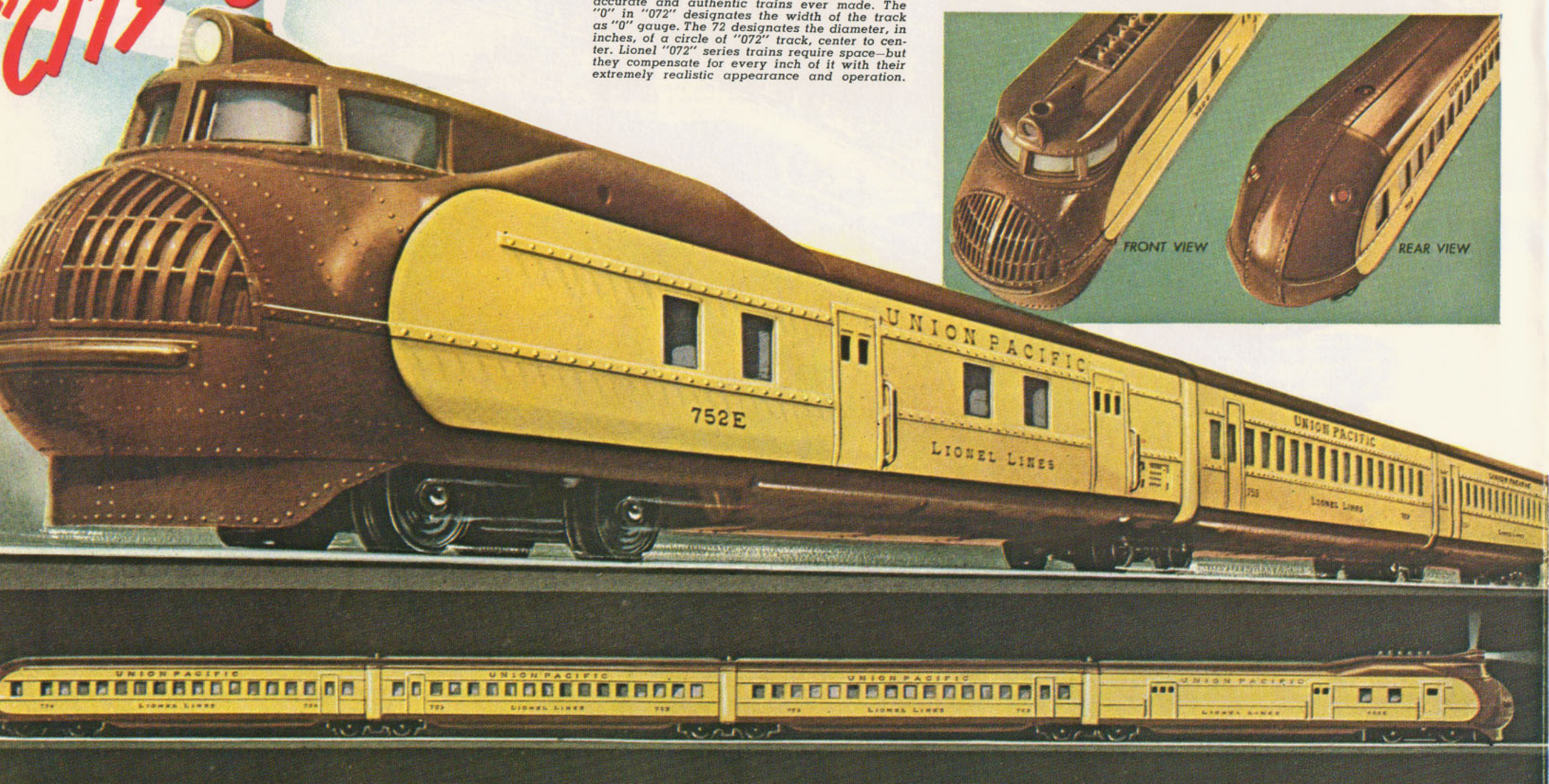
No. 758W REMOTE CONTROL STREAMLINE TRAIN WITH WHISTLE

One forty-fifth the size of the yellow and brown Union Pacific speedliner that flashed across the country to seize every long-distance speed record. Equipped with built-in whistle operated by remote control. Cars couple into vestibules containing interior lights. Outfit consists of: No. 752W Power car, two No. 753 Illuminated coaches, No. 754 Illuminated observation car, a remote control for whistling and reversing, sixteen sections of No. 761 curved track, four sections No. 762 straight track and Lockon. Train is 61 inches long. The twenty sections of wide-radius track supplied form an oval 100 by 72 inches. **Price $25.00**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K" Transformer, of greater capacity, will provide for the addition of many accessories.

No. 753. Extra coach and vestibule. **Price $4.00**

No. 752W. Power car only, with whistle equipment. **Price $12.50**



THE HIAWATHA

1. Minnehaha Falls, Minnesota, which has been made famous by the legend of Hiawatha.
2. The imposing state capitol at St. Paul which is served by the streamlined Hiawatha.
3. Looking at the St. Paul skyline across a maze of tracks in nearby railroad yards.
4. At the other end of the Milwaukee's lines, in Chicago, is this modern railroad depot.

Hugh A. McManus, the first engineer of the Milwaukee's streamliner, the Hiawatha.

No. 755W REMOTE CONTROL STREAMLINER WITH WHISTLE

Whistling, streamlined scale-model of the Chicago, Milwaukee, St. Paul's famous pacemaker. A speed king in every detail and a giant in length, measuring 68 inches from the pilot to the observation platform. Outfit consists of: No. 250E Hiawatha locomotive, No. 250WX Tender, No. 782 Pullman car, No. 783 Coach, No. 784 Observation car, sixteen sections of No. 761 curved track, four sections of No. 762 straight track, Lockon and No. 67 Whistle controller. Train is 68 inches long. Track supplied forms an oval 100 by 72 inches. **Price $32.50**

No. 783 Extra Coach and vestibule. **Price $4.00**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will provide for the addition of many accessories.

No. 759W REMOTE CONTROL FREIGHT TRAIN WITH WHISTLE

Milwaukee Railroad's streamlined locomotive in a long, fast freight with electric, remote control couplers from end to end. Outfit consists of: No. 250E Hiawatha locomotive, No. 2250W Tender, No. 2812 Gondola car, No. 2814 Box car, No. 2815 Oil car, No. 2816 Coal car, No. 2817 Caboose, sixteen sections of No. 761 curved track, two sections of No. 762 straight track, one section of OS straight track, R.C.S. track set, Lockon and No. 66 Controller. Train is 75 inches long. Track supplied forms an oval 96 by 72 inches. **Price $35.00**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will provide for the addition of many accessories.

No. 2250EW LOCOMOTIVE-TENDER OUTFIT

Tender No. 2250W has electric coupler at car end. For use on wide-radius track only, with cars in the 2613, 2810, 613 and 810 series. Locomotive and tender, 24¼ inches long, with whistle controller. **Price $25.75**

No. 250EWX. Same as No. 2250EW but with drawbar on tender. For use with cars Nos. 782, 783 and 784. **Price $25.00**

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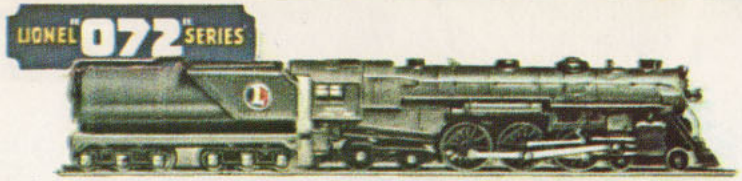
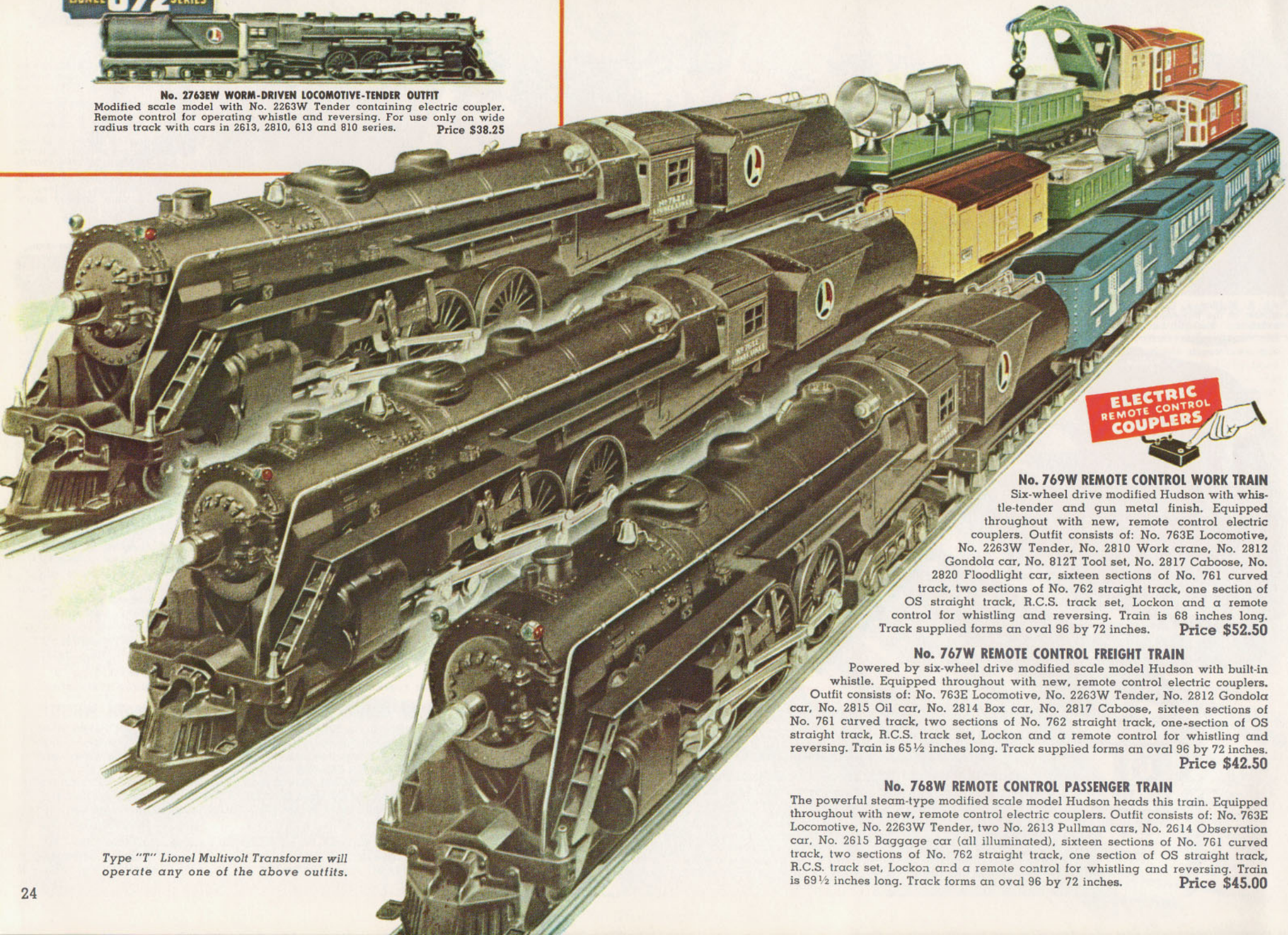


No. 2763EW WORM-DRIVEN LOCOMOTIVE-TENDER OUTFIT
Modified scale model with No. 2263W Tender containing electric coupler. Remote control for operating whistle and reversing. For use only on wide radius track with cars in 2613, 2810, 613 and 810 series. **Price $38.25**



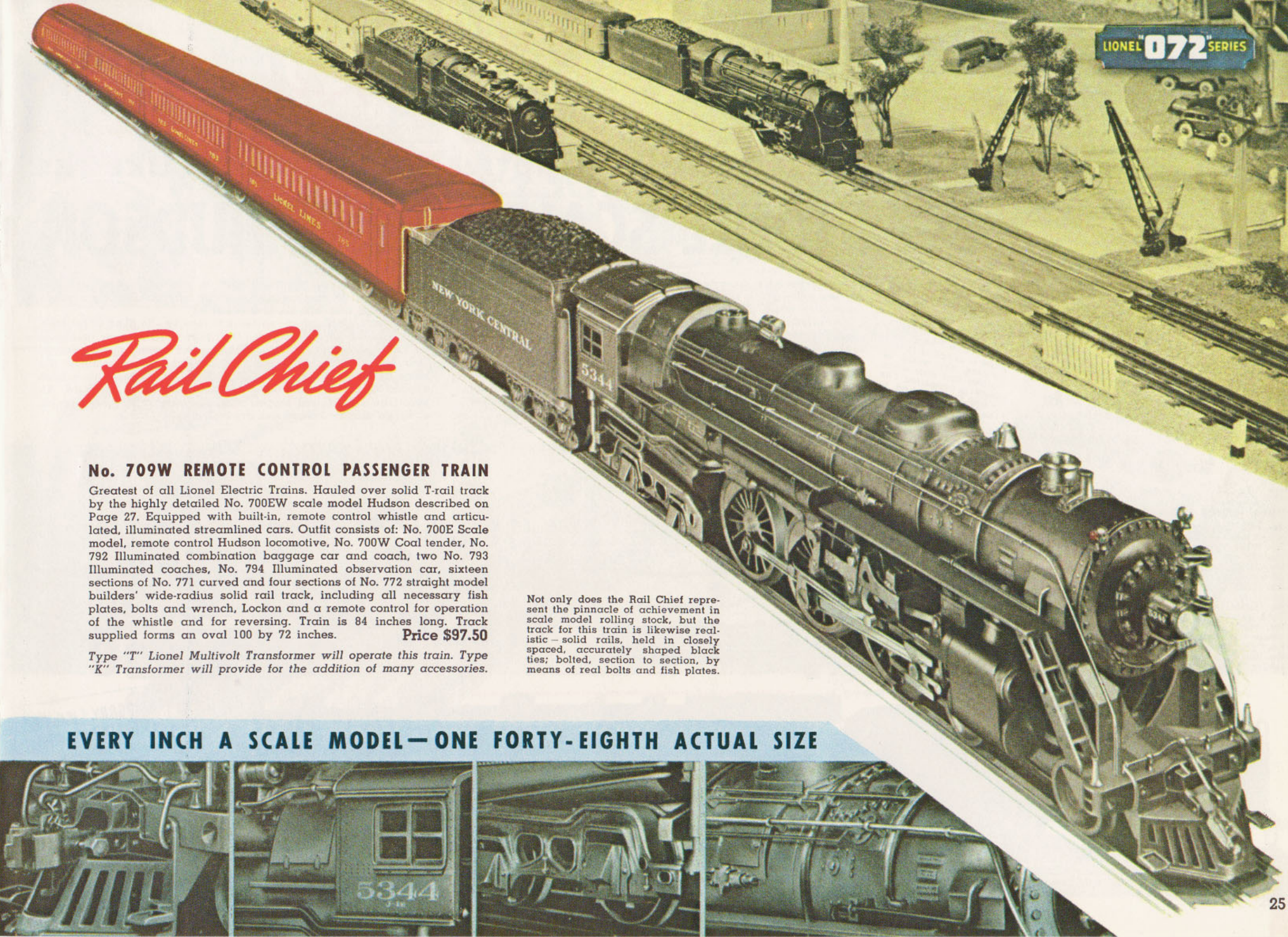
ELECTRIC REMOTE CONTROL COUPLERS

No. 769W REMOTE CONTROL WORK TRAIN
Six-wheel drive modified Hudson with whistle-tender and gun metal finish. Equipped throughout with new, remote control electric couplers. Outfit consists of: No. 763E Locomotive, No. 2263W Tender, No. 2810 Work crane, No. 2812 Gondola car, No. 812T Tool set, No. 2817 Caboose, No. 2820 Floodlight car, sixteen sections of No. 761 curved track, two sections of No. 762 straight track, one section of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 68 inches long. Track supplied forms an oval 96 by 72 inches. **Price $52.50**

No. 767W REMOTE CONTROL FREIGHT TRAIN
Powered by six-wheel drive modified scale model Hudson with built-in whistle. Equipped throughout with new, remote control electric couplers. Outfit consists of: No. 763E Locomotive, No. 2263W Tender, No. 2812 Gondola car, No. 2815 Oil car, No. 2814 Box car, No. 2817 Caboose, sixteen sections of No. 761 curved track, two sections of No. 762 straight track, one section of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 65½ inches long. Track supplied forms an oval 96 by 72 inches. **Price $42.50**

No. 768W REMOTE CONTROL PASSENGER TRAIN
The powerful steam-type modified scale model Hudson heads this train. Equipped throughout with new, remote control electric couplers. Outfit consists of: No. 763E Locomotive, No. 2263W Tender, two No. 2613 Pullman cars, No. 2614 Observation car, No. 2615 Baggage car (all illuminated), sixteen sections of No. 761 curved track, two sections of No. 762 straight track, one section of OS straight track, R.C.S. track set, Lockon and a remote control for whistling and reversing. Train is 69½ inches long. Track forms an oval 96 by 72 inches. **Price $45.00**

Type "T" Lionel Multivolt Transformer will operate any one of the above outfits.



Rail Chief

No. 709W REMOTE CONTROL PASSENGER TRAIN

Greatest of all Lionel Electric Trains. Hauled over solid T-rail track by the highly detailed No. 700EW scale model Hudson described on Page 27. Equipped with built-in, remote control whistle and articulated, illuminated streamlined cars. Outfit consists of: No. 700E Scale model, remote control Hudson locomotive, No. 700W Coal tender, No. 792 Illuminated combination baggage car and coach, two No. 793 Illuminated coaches, No. 794 Illuminated observation car, sixteen sections of No. 771 curved and four sections of No. 772 straight model builders' wide-radius solid rail track, including all necessary fish plates, bolts and wrench, Lockon and a remote control for operation of the whistle and for reversing. Train is 84 inches long. Track supplied forms an oval 100 by 72 inches. **Price $97.50**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K" Transformer will provide for the addition of many accessories.

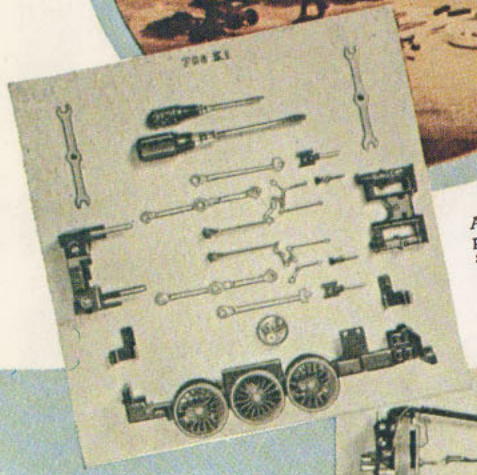
Not only does the Rail Chief represent the pinnacle of achievement in scale model rolling stock, but the track for this train is likewise realistic — solid rails, held in closely spaced, accurately shaped black ties; bolted, section to section, by means of real bolts and fish plates.

EVERY INCH A SCALE MODEL — ONE FORTY-EIGHTH ACTUAL SIZE

Ready to Build or Ready to Run . . .

THERE IS NO LOCOMOTIVE IN THE WORLD LIKE THE

LIONEL SCALE MODEL HUDSON



An etched chromium plate is supplied for inscribing the name of builder and date when model is completed. The plate is attached to the bottom of ash pan.

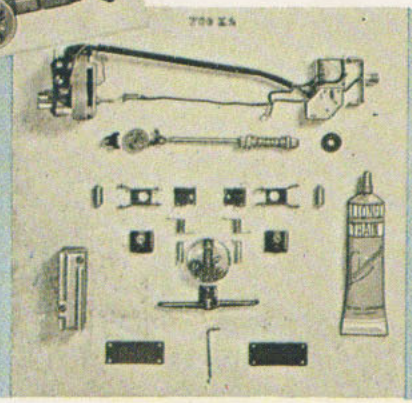
Five separate kits comprise all of the parts for this powerful giant of the rails—and a sixth kit includes the whistle mechanism and controller which can be added at any time. By purchasing the Lionel Hudson in *kit* form you save money; you get the fun, thrill and pleasure of "building your own" and watching it gradually take shape and become the incomparably perfect thing it is. Best of all, you also can now start toward ownership of this model without a major expenditure—for you can begin with a single kit, if you choose, at a cost of only $12.50—then add kit after kit as each one is assembled and completed. That makes it as easy on the pocketbook as a partial payment plan.

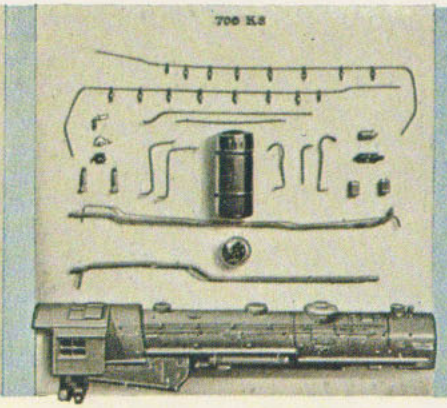
It doesn't take any particular skill or mechanical knowledge to put the Lionel Hudson together—and the only special tools required are included free with the first outfit!

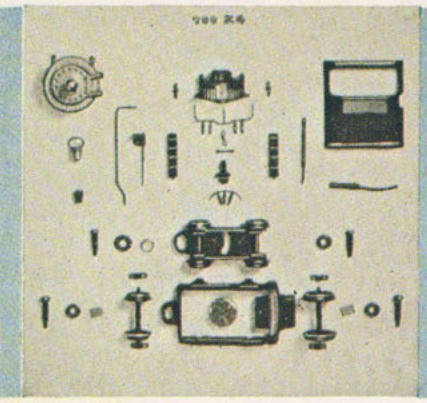
Die castings are finished—no burrs to remove—no filing to be done. Major castings have been given their prime coat of paint, and paint for the finishing coat is included. Incidental castings have received their final, oxidized, dull black finish. All press assemblies are made and included as assembled units. Drive wheels have been applied to their knurled steel axles under tons of pressure. All holes are drilled and tapped where necessary. With every kit, complete graphic instructions are included.

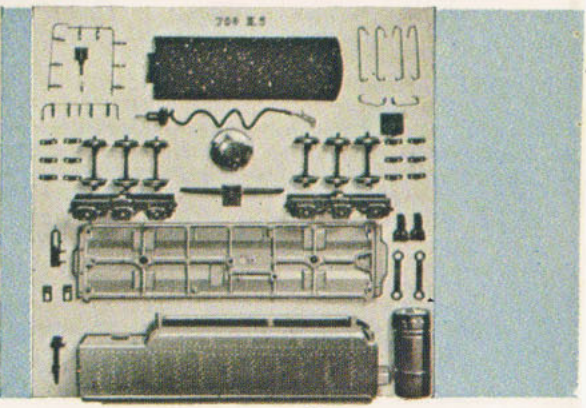
LIONEL HUDSON LOCOMOTIVE KIT

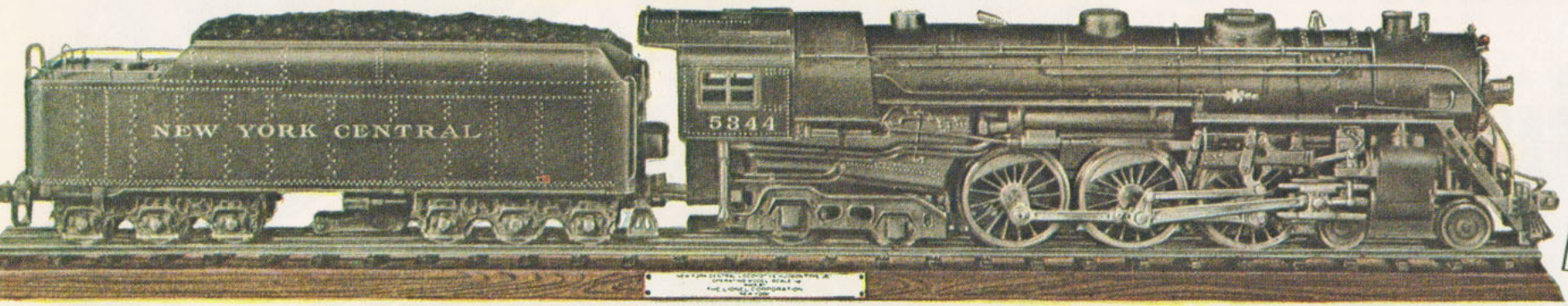
No. 700K Complete locomotive and tender kit, less whistle. **Price $59.50**
No. 700K1 Locomotive frame, drive wheels, etc. **Price $12.50**
No. 700K2 Motor, worm, bearings, reversing unit, etc. **Price $12.50**
No. 700K3 Cab and boiler with trimming. **Price $12.50**
No. 700K4 Trucks, wheels, headlight, paint, etc. **Price $ 9.50**
No. 700K5 All parts for complete tender assembly. **Price $12.50**
No. 700K6 Whistle kit. **Price $ 5.00**
No. 700KW Locomotive and whistle tender kit, complete. **Price $64.50**







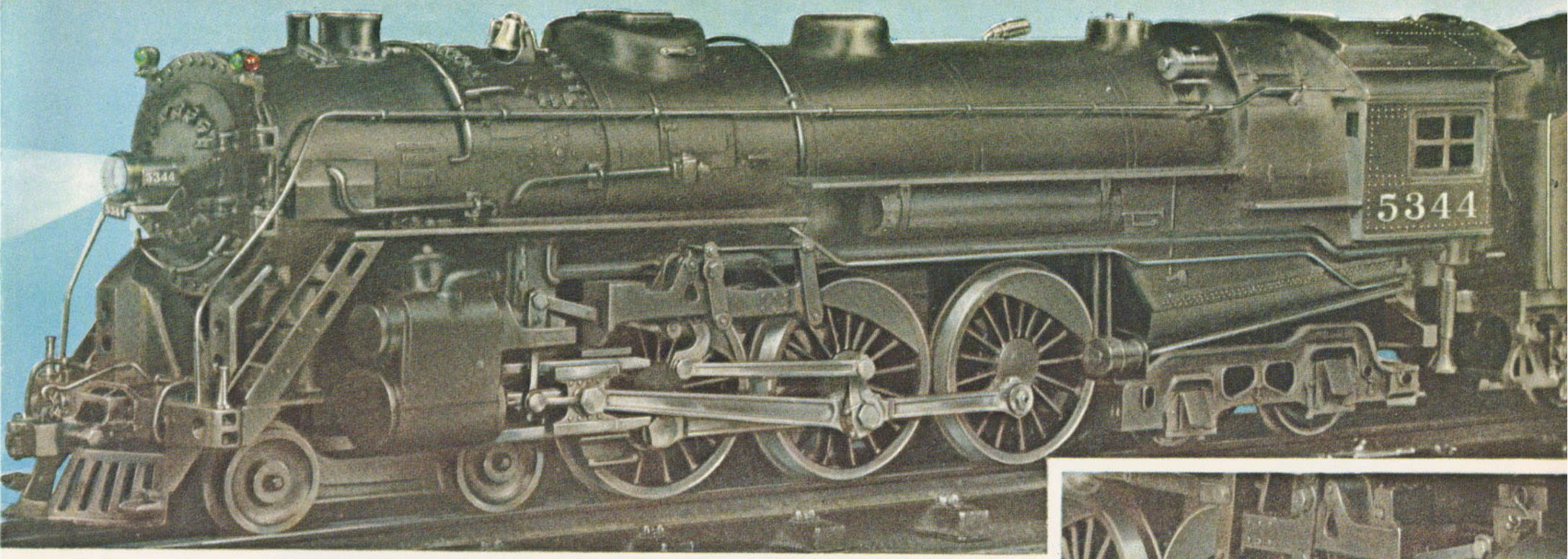




NO HOBBY LIKE THIS ON WINTER EVENINGS!

● Care, worry and boredom flee like snowflakes when you're absorbed in putting the 5344 together. And when, at the finish, this giant in steel becomes a giant in action—man, it will be the greatest thrill you've ever experienced! See your Lionel Dealer immediately — and get Kit No. 1!

1975 Reproduction, Greenberg Publishing Co.



MIGHTY ENGINE OF THE CENTURY, PRESSURE DIE CAST, 1/48 ACTUAL SIZE DRIVEN BY WORM GEARS—EQUIPPED WITH OIL-LESS BRONZE BEARINGS

Whether your fingers are fidgeting to build a railroad engine of your own—or your heart is set on the most perfectly finished locomotive that can be produced—Lionel 5344 is your number, sir!

For, this year this greatest of all models can be bought two ways—in kits, ready for assembly; or assembled and ready for service.

And what an engine it is! None other than the ace of the New York Central's fleet of rail giants, exactly quarter-inch-scale by every measurement. Driven by worm gears and powered by a heavy duty AC-DC motor—with a 10 to 1 gear reduction. Equipped with stainless steel handrails and die-cast, chromium plated rods. Headlight is projected in parallel beams through a Lucite lens. Headlight lamp is concealed inside boiler-front, accessible through a smoke box door that is hinged and can be opened as real ones do. The headlight housing swings with the door.

Drive wheels are die cast and pressed on knurled steel shafts, the bearing surface of which is polished to within a quarter mil, which is one fourth of one thousandth of an inch.

The central crank pin holds an accurately shaped eccentric crank. Complete Baker reversing gear is reproduced and, when locomotive is running, it presents a flawless kinematic action.

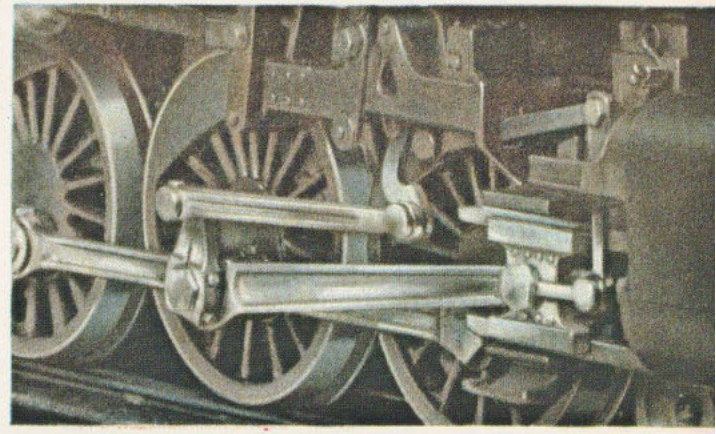
Pipes and control rods, the crank pins and the crosshead guides are cold drawn steel. The alligator crossheads are cast and finished in black. The rods and cranks of the driving gear are also cast and then chromium plated to provide the permanent, non-tarnishing appearance of polished steel.

Sixteen hundred rivets cover the sides and end of the tender, a single ribbed casting, into which has been built model railroading's most thrilling feature — the remote control whistle.

Wheel flanges are so made that the engine may be operated on any style of solid rail "O" Gauge track with curves having a radius of not less than three feet. In addition to inside third-rail shoes, two outside third-rail collectors are included, with runners of phosphor bronze, built to N. M. R. A. standard specifications.

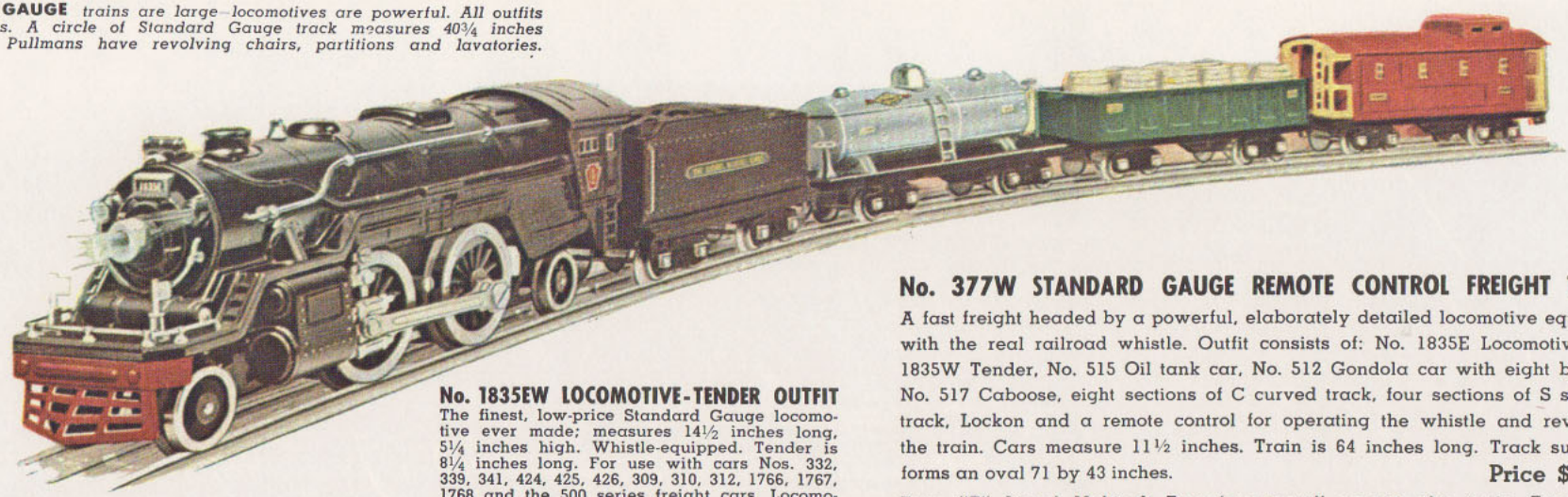
Locomotive measures 24½ inches overall and is complete with walnut finish stand pictured on page 26, and with a controller for operation of the whistle and for reversing the locomotive.

No. 700EW Scale Model Locomotive and Tender, completely assembled. **Price $75.00**



Down around the cylinders are where the eyes of the veteran go first, to judge the faithfulness and accuracy of a model engine. For here is the center of speed and motion. And here it is where Lionel has excelled anything ever done before in scale model building. The alligator crossheads in the Lionel model, for instance, are studded with hexhead bolts accurately shaped 'though they are smaller than a pin-head. The interesting action of the valve is derived from the combined motions of the valve gear and piston crosshead through the combination lever. On the engineer's side of the locomotive are the minute linkages of the automatic lubricator, motivated by rod connections. The eccentric crank is an absolute reproduction. There is only one way of making drive rods that look like drive rods and that is by casting them. In the Lionel model, drive rods are die cast under intense pressure to obtain accuracy of form, then chromium plated to obtain accuracy of finish, and finally they are bushed with oil-less bronze bearings to obtain perfect, enduring performance.

LIONEL STANDARD GAUGE *trains are large—locomotives are powerful. All outfits have built-in whistles. A circle of Standard Gauge track measures 40¾ inches in diameter. Larger Pullmans have revolving chairs, partitions and lavatories.*



No. 1835EW LOCOMOTIVE-TENDER OUTFIT

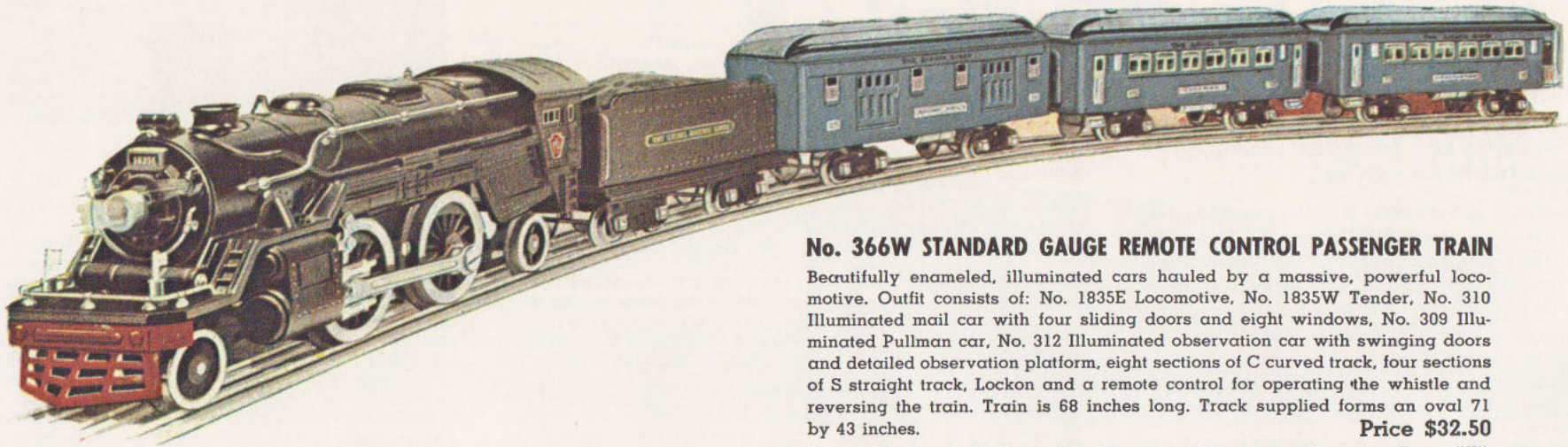
The finest, low-price Standard Gauge locomotive ever made; measures 14½ inches long, 5¼ inches high. Whistle-equipped. Tender is 8¼ inches long. For use with cars Nos. 332, 339, 341, 424, 425, 426, 309, 310, 312, 1766, 1767, 1768 and the 500 series freight cars. Locomotive and tender and a remote control for operating whistle and reversing train. **Price $27.50**

No. 377W STANDARD GAUGE REMOTE CONTROL FREIGHT TRAIN

A fast freight headed by a powerful, elaborately detailed locomotive equipped with the real railroad whistle. Outfit consists of: No. 1835E Locomotive, No. 1835W Tender, No. 515 Oil tank car, No. 512 Gondola car with eight barrels, No. 517 Caboose, eight sections of C curved track, four sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. Cars measure 11½ inches. Train is 64 inches long. Track supplied forms an oval 71 by 43 inches. **Price $35.00**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

STANDARD GAUGE ★ Track Width, Between Running Rails, 2⅛"



No. 366W STANDARD GAUGE REMOTE CONTROL PASSENGER TRAIN

Beautifully enameled, illuminated cars hauled by a massive, powerful locomotive. Outfit consists of: No. 1835E Locomotive, No. 1835W Tender, No. 310 Illuminated mail car with four sliding doors and eight windows, No. 309 Illuminated Pullman car, No. 312 Illuminated observation car with swinging doors and detailed observation platform, eight sections of C curved track, four sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. Train is 68 inches long. Track supplied forms an oval 71 by 43 inches. **Price $32.50**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

1975 Reproduction, Greenberg Publishing Co.

No. 385EW LOCOMOTIVE - TENDER OUTFIT
Built-in whistle. Rolled steel boiler. Gun metal finish. Nickel details. Locomotive is 14½ inches long, 5¼ inches high. Tender is 8¼ inches long. For use with cars Nos. 332, 339, 341, 424, 425, 426, 309, 310, 312, 1766, 1767, 1768 and the 500 series freight cars. Locomotive and tender, with a remote control for operating the whistle and reversing the train. **Price $30.00**

No. 369W STANDARD GAUGE REMOTE CONTROL FREIGHT TRAIN

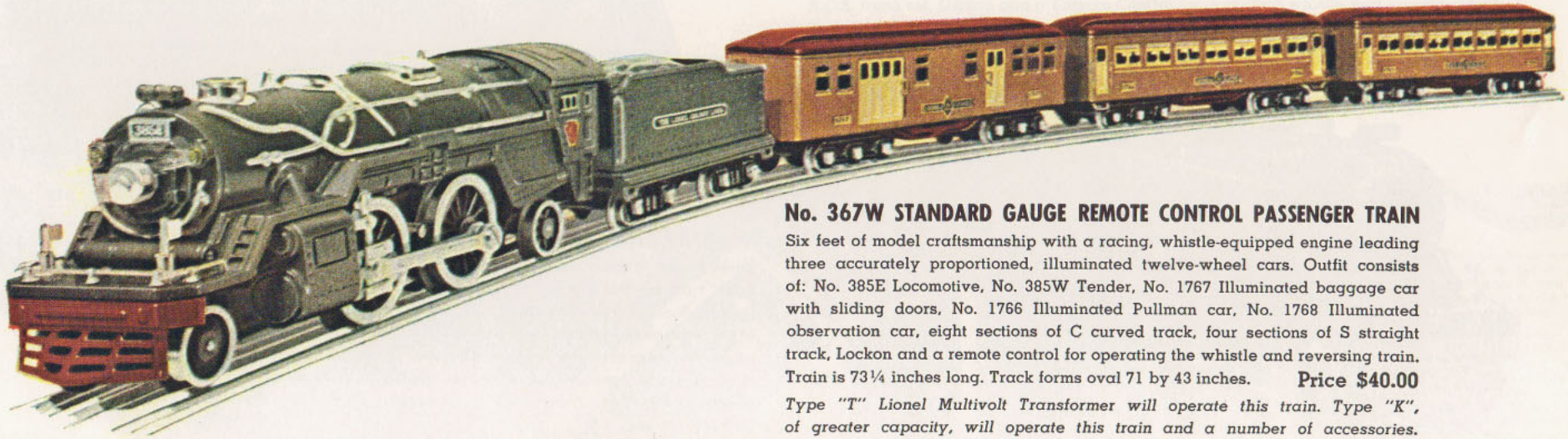
Fitting for the boy who wants his railroad to be the best—for nothing has been spared in this model. Locomotive whistles as a real one does. Outfit consists of: No. 385E Locomotive, No. 385W Tender, No. 514 Box car, No. 511 Flat car, No. 515 Oil car, No. 517 Caboose, eight sections of C curved track, four sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. Train is 77 inches long. Track forms oval 71 by 43 inches.

Price $40.00

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

STANDARD GAUGE ★

Track Width, Between Running Rails, 2⅛"



No. 367W STANDARD GAUGE REMOTE CONTROL PASSENGER TRAIN

Six feet of model craftsmanship with a racing, whistle-equipped engine leading three accurately proportioned, illuminated twelve-wheel cars. Outfit consists of: No. 385E Locomotive, No. 385W Tender, No. 1767 Illuminated baggage car with sliding doors, No. 1766 Illuminated Pullman car, No. 1768 Illuminated observation car, eight sections of C curved track, four sections of S straight track, Lockon and a remote control for operating the whistle and reversing train. Train is 73¼ inches long. Track forms oval 71 by 43 inches. **Price $40.00**

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

No. 392EW LOCOMOTIVE - TENDER OUTFIT

Powered by heavy duty motor. Equipped with whistle. Embellished with nickel details. Locomotive has 4-4-2 wheel arrangement, is 16½ inches long. Tender is 8½ inches long. For use with cars Nos. 424, 425, 426, 420, 421, 422 and the 500 series freight cars. Locomotive and tender, with a remote control for operating the whistle and reversing the train. **Price $37.50**

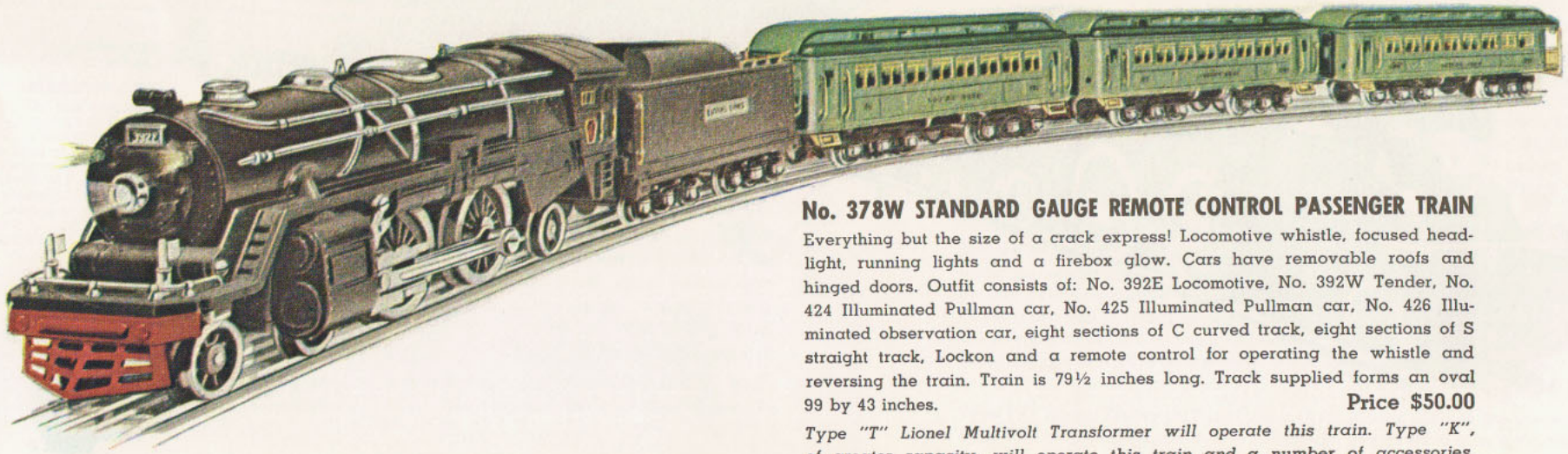
No. 371W STANDARD GAUGE REMOTE CONTROL FREIGHT TRAIN

This is "tops" in freight train outfits — America's finest, longest, fastest! Equipped with built-in whistle. Focused headlight. Pilot lights. Furnace glow from firebox. Outfit consists of: No. 392E Locomotive, No. 392W Tender, No. 511 Flat car, No. 514R Refrigerator car, No. 515 Oil car, No. 516 Coal car, No. 517 Caboose, eight sections of C curved track, eight sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. Train is 93¾ inches long. Track supplied forms an oval 99 by 43 inches.

Price $55.00

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

STANDARD GAUGE ★ Track Width, Between Running Rails, 2⅛"



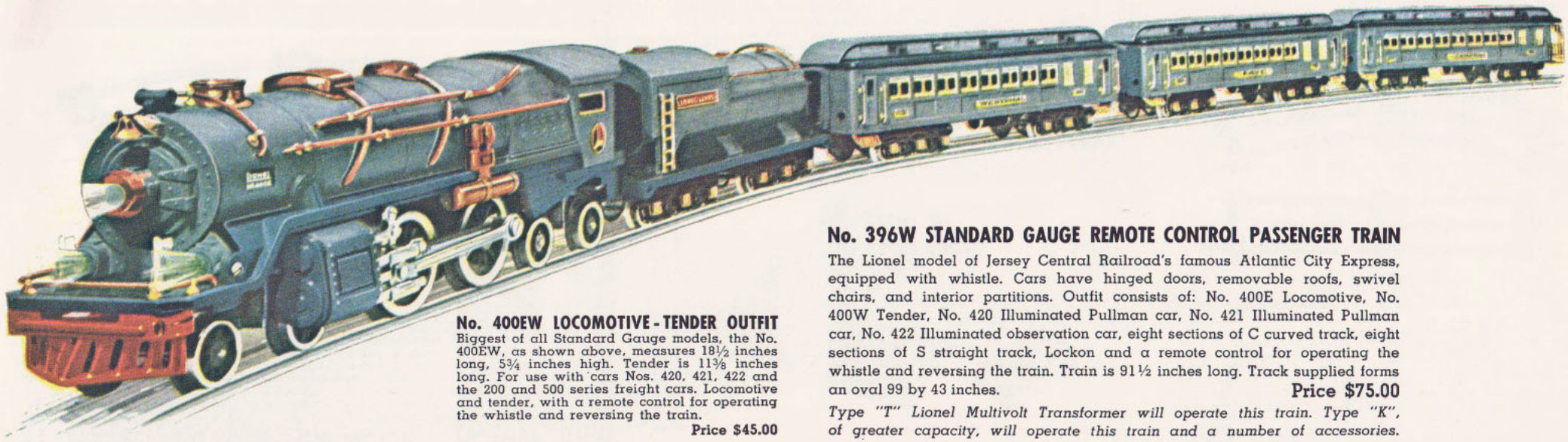
No. 378W STANDARD GAUGE REMOTE CONTROL PASSENGER TRAIN

Everything but the size of a crack express! Locomotive whistle, focused headlight, running lights and a firebox glow. Cars have removable roofs and hinged doors. Outfit consists of: No. 392E Locomotive, No. 392W Tender, No. 424 Illuminated Pullman car, No. 425 Illuminated Pullman car, No. 426 Illuminated observation car, eight sections of C curved track, eight sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. Train is 79½ inches long. Track supplied forms an oval 99 by 43 inches.

Price $50.00

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

1975 Reproduction, Greenberg Publishing Co.



No. 400EW LOCOMOTIVE - TENDER OUTFIT
Biggest of all Standard Gauge models, the No. 400EW, as shown above, measures 18½ inches long, 5¾ inches high. Tender is 11⅜ inches long. For use with cars Nos. 420, 421, 422 and the 200 and 500 series freight cars. Locomotive and tender, with a remote control for operating the whistle and reversing the train.
Price $45.00

No. 396W STANDARD GAUGE REMOTE CONTROL PASSENGER TRAIN

The Lionel model of Jersey Central Railroad's famous Atlantic City Express, equipped with whistle. Cars have hinged doors, removable roofs, swivel chairs, and interior partitions. Outfit consists of: No. 400E Locomotive, No. 400W Tender, No. 420 Illuminated Pullman car, No. 421 Illuminated Pullman car, No. 422 Illuminated observation car, eight sections of C curved track, eight sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. Train is 91½ inches long. Track supplied forms an oval 99 by 43 inches.
Price $75.00

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

STANDARD GAUGE ★ Track Width, Between Running Rails, 2⅛"

No. 358W STANDARD GAUGE REMOTE CONTROL WORK TRAIN

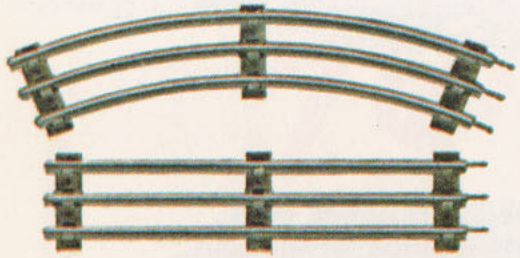
No more fun can be had with any outfit than with this train equipped with built-in whistle, many interesting cars and searchlights. Outfit consists of: No. 400E Locomotive, No. 400W Tender, No. 219 Work crane car, No. 212 Gondola car with barrels, No. 220 Floodlight car, No. 208 Chest of tools, No. 217 Caboose, eight sections of C curved track, eight sections of S straight track, Lockon and a remote control for operating the whistle and reversing the train. The work train is 88½ inches long. Track supplied forms an oval 99 by 43 inches.
Price $70.00

Type "T" Lionel Multivolt Transformer will operate this train. Type "K", of greater capacity, will operate this train and a number of accessories.

1975 Reproduction, Greenberg Publishing Co.

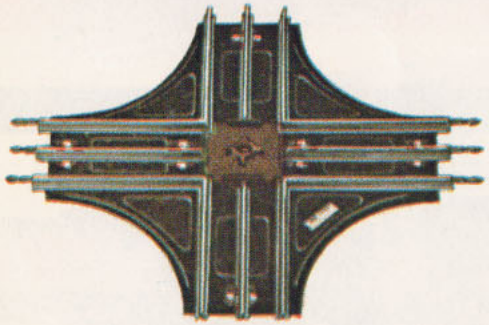
"027" TRACK

Eight sections of curved track form a circle 27 inches in diameter, from the tie extremities. Straight track is 8⅞ inches long. Curved track is 9½ inches long. 1¼ inches between running rails.



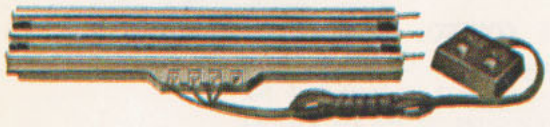
Lionel "027" track is made with extra strength and sturdiness. Running rails are formed by a turned-back flange, making the rails doubly rigid. Both straight and curved sections of track have three black oxidized ties. The third rail is insulated from the running rails by over-sized insulators. Because of the height of the rails, "027" track, switches and crossovers cannot be used together with corresponding "O" gauge equipment. Straight track is 8⅞ inches long. Curved track is 9½ inches long.

No. 1013 "027" Curved Track **Price $ .15**
No. 1018 "027" Straight Track **Price $ .15**
1013-17 Steel Pins **Dozen $ .10** **O11-11** Fibre Pins **Each $ .05**



No. 1021 90-DEGREE CROSSOVER

Black enamel base to match the ties of "027" track. Bakelite center insulator at the intersection. 7⅜ inches square. A great help in making interesting track layouts. **Price $1.00**

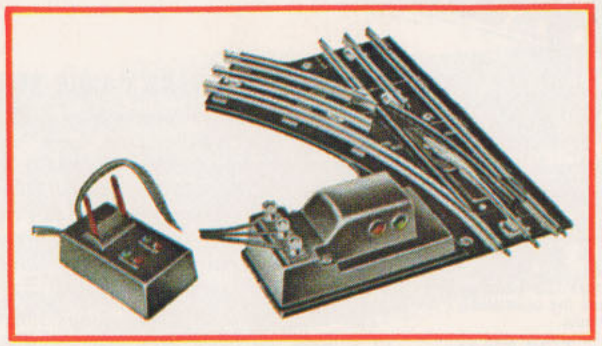


No. 1019 "027" REMOTE CONTROL TRACK SET—Used for the operation of electrically operated, tilting dump car and for electric, remote control couplers. Complete with two-button remote controls and 30 inches of connecting cable. Mounted section of straight "027" track is 8⅞ inches long. **Price $1.25**

TRACK FOR MECHANICAL TRAINS

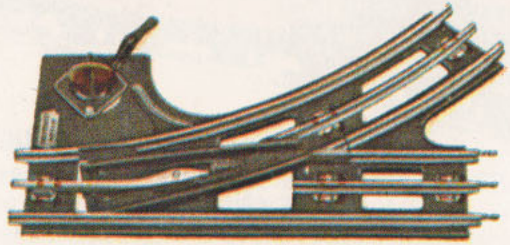
MWC curved track, eight sections form circle 27 inches in diameter. **Price $.10**
MS Straight Track. 8¾ inches long. **Price $.10**

ELECTRIC, REMOTE CONTROL SWITCHES FOR "027" TRAINS



First time Lionel quality has ever been built into remote control switches to sell at so low a price. Each switch is equipped with a newly designed control mechanism containing twin sets of red and green colored electric lights that indicate the position of the switch. The switch controller has a corresponding set of colored lights which indicates the position even though the switch itself may not be visible to the operator. The switch controller contains two realistic, ribbed levers. The swivel rails operate with quick action on a low voltage. Positive lock. Switch is 9⅜ inches long, 6⅞ inches wide.

No. 1121 Remote Control Switches, one right and one left, complete with remote controls and connecting cable. **Price per pair $6.75**



No. 1024 MANUALLY CONTROLLED SWITCHES

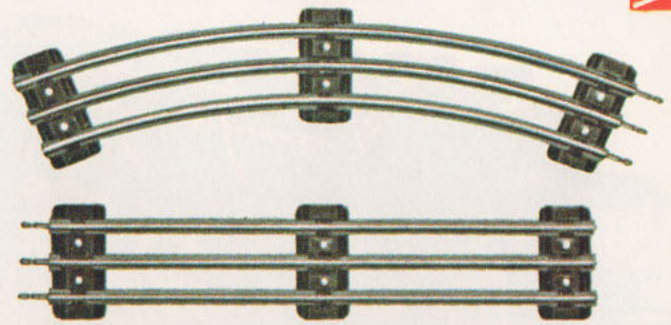
Solidly constructed and perfectly insulated, operated by means of hand lever. Switch is 9⅛ inches long, 5⅛ inches wide.

Price per pair $2.75
No. 1024R Right-hand Switch **Price $1.75**
No. 1024L Left-hand Switch **Price $1.75**

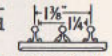
UTC LOCKON – A universal connector that can be used with any style or gauge of track except "OO". Can be clamped rigidly into position, making perfect contacts. **Price $ .40**

1975 Reproduction, Greenberg Publishing Co.

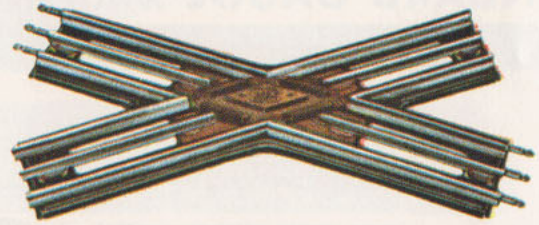
"O" GAUGE TRACK



Lionel track is made by doubling the flange (an exclusive Lionel Patent). This method of manufacture so strengthens the track that were a person to stand on it, it would not bend. Each section is perfectly insulated and tested. One end of each section has three steel pins which fit into the adjoining section. A connecting clip which holds tracks firmly locked is included with each section. Because of its height, "O" gauge track, switches and crossovers cannot be used with corresponding "027" equipment. Straight track is 10 inches long. Curved track is 10⅞ inches long.



OC Curved Track. **Price $.20** **½OS** Half Section of Straight Track. **Price $.20**
OS Straight Track. **Price $.20** **½OC** Half Section of Curved Track. **Price $.20**
OSS Straight Track with two insulated rails. Complete with Lockon and connecting wires. **Price $.60**
OCS Curved Track with two insulated rails. Complete with Lockon and connecting wires. **Price $.60**
OC-18 Steel Pins. **Dozen $.10** **O11-11** Fibre Pins. **Each $.05**



No. 020X 45-DEGREE CROSSOVER—Constructed of steel. Bakelite crossover insulation. 11¾ inches long, 6¼ inches in its extreme width. **Price $1.75**

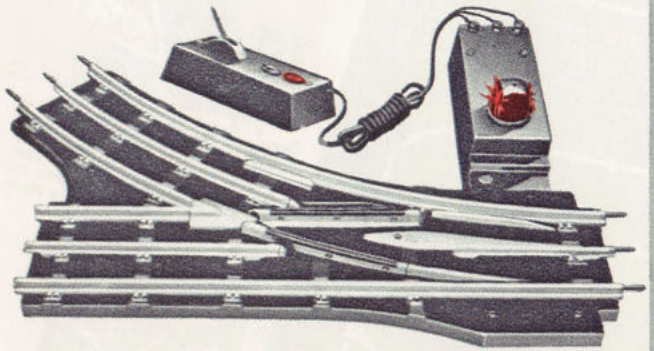
No. 020 90-DEGREE CROSSOVER—The cross rails are mounted on an ornamental steel base, beautifully enameled. A solid bakelite block prevents short circuits. 8⅜ inches square. **Price $1.50**

R.C.S. REMOTE CONTROL TRACK SET

With this special section of 4-rail track, it is possible to operate electric couplers and electrical tilting dump cars by remote control. Mounted section of "O" gauge track is 10 inches long. Two-button remote controls and 30 inches of connecting cable are included. **Price $1.50**

No. 025 ILLUMINATED BUMPER, equipped with electric lamp. One section of "O" gauge track is included. **Price $2.00**

Eight sections of "O" gauge track form a circle 28⅝ inches in diameter. Straight track is 10 inches long. Curved track is 10⅞ inches long, 1¼ inches between running rails.

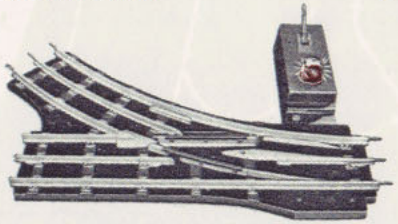


NEW ELECTRIC REMOTE CONTROL SWITCHES

Switch is mounted on a moulded base. The switch has a modern, compact red and green signal light indicator. The indicator shows red for open switch, green when switch is closed. Light changes each time the swivel rail is switched from one position to the other. Track is mounted on moulded base which contains closely spaced, simulated track ties. The remote controls contain realistic hand lever and a duplicate set of remote control color light indicators. Control mechanism can be mounted on either inward or outward side of switch. Moulded insulation eliminates all possibilities of short circuits. Built-in device automatically throws switch to correct position when train approaches in reverse direction, preventing derailment.

No. 022 "O" GAUGE REMOTE CONTROL SWITCHES (Pair—one right and one left)—10½ inches long. Each switch includes 30 inches of electric cord and remote controls with necessary electric bulbs. **Price per pair $11.50**

No. 022R Right Hand Switch **Price $ 6.00**
No. 022L Left Hand Switch **Price $ 6.00**



No. 042 HAND OPERATED SWITCHES By means of a lever at the side of the control box you can switch the direction of your train from the main track to a siding. Switch is 10½ inches long. Bulbs are included. Pair includes one right and one left hand switch. **Price per pair $6.95**

No. 042R Right Hand Switch. **Price $3.75**
No. 042L Left Hand Switch. **Price $3.75**

BALLASTED SILENCING RUBBER ROADBED

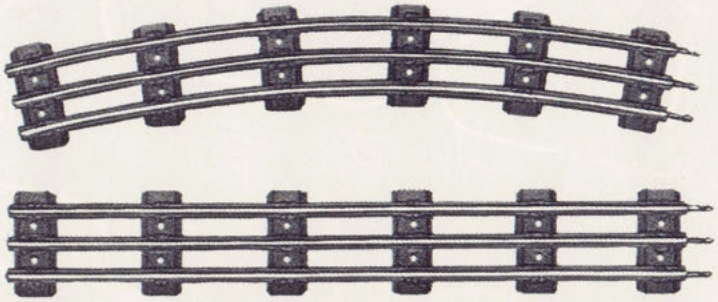
Made of moulded sponge rubber. Resembles rock-ballasted roadway. Silences moving trains. Holds track rigidly and protects floors.

FOR "O" GAUGE

No. 030—For OC **Price $.25** **No. 032**—For No. 020 **Price $.60**
No. 031—For OS **Price $.25** **No. 033**—For No. 020X **Price $.60**
No. 034—For Switches **Pair $1.25**

"072" TRACK

Sixteen sections of curved track form a circle 72 inches in diameter. Straight track is 14⅜ inches long. Curved track is 14 inches long. 1¼ inches between running rails.

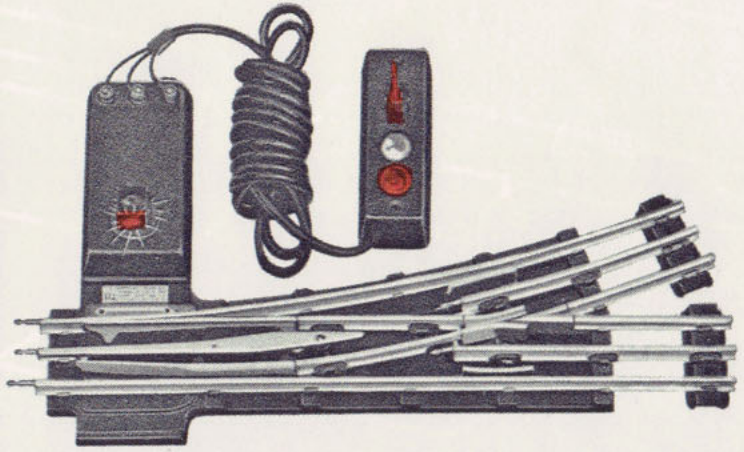


Designed for greater realism in the operation of scale model and streamline trains. The less acute curves of the track permit the operation of trains at break-neck speed. Rails are formed by doubling back the flange, providing increased strength and eliminating all sharp edges. Both straight and curved sections contain six closely spaced black oxidized ties, greatly enhancing the appearance of the right-of-way. Each section of straight track measures 14⅜ inches. Curved track measures 14 inches.

No. 761 Curved track **Price $.35** **No. 762** Straight track **Price $.35**

No. 762S Insulated straight track, complete with Lockon **Price $.70**

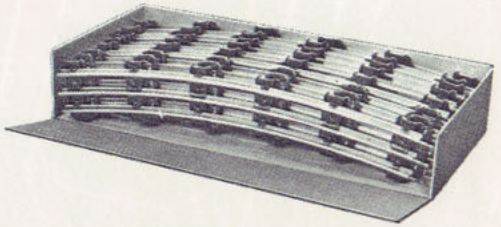
OC-18 Steel pins **Dozen $.10** **O11-11** Fibre pins **Each $.05**



ELECTRIC, REMOTE CONTROL SWITCHES

This realistic switch contains a built-in cut-off that makes derailment impossible. Colored lights are built into the remote control base as well as in the switch head. Includes a new operating feature—a direct-to-transformer plug that enables you to operate switch on a circuit independent of the rest of the track layout. The signal base of the switch may be attached either to the inward or the outward side of the switch as required by the general track layout. It can be used for sidings, with "O" gauge track, if desired. 14⅜ inches long.

No. 711 Pair, Remote Control Switches, one right and one left. **Price $13.50**
No. 711R Right Hand only **Price $7.00** **No. 711L** Left Hand only **Price $7.00**

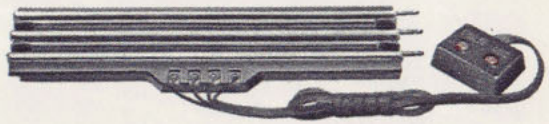


No. 760 WIDE-RADIUS TRACK PACK

A complete circle of the new wide-radius track. Sixteen sections of No. 761 can be used in connection with OS straight track if desired. **Price $5.60**

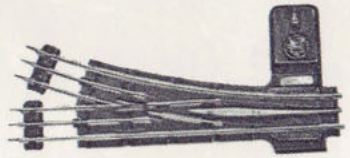
No. 720 90-DEGREE CROSSOVER

Crossing rails are mounted on an embossed steel base containing a solid bakelite block in the center, to prevent short circuits, and to facilitate the movement of the train without derailment. 14½ inches square. **Price $2.25**



R.C.S. REMOTE CONTROL TRACK SET

With this special section of 4-rail track, it is possible to operate electric couplers and electrical tilting dump cars by remote control. Mounted section of "O" gauge track is 10 inches long. Two-button remote controls and 30 inches of connecting cable are included. **Price $1.50**

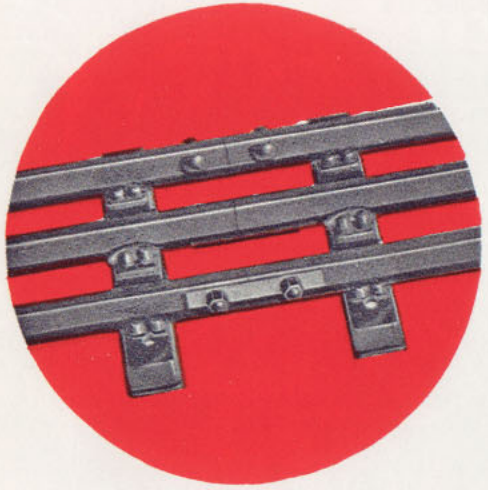


MANUALLY CONTROLLED SWITCHES

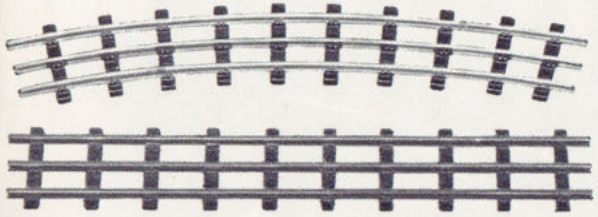
Hand operated switches, similar to No. 711 but without remote controls and non-derailing feature. 14⅜ inches long.

No. 721 Pair, one right and one left. **Price $7.50**
No. 721R Model Builders, right hand only. **Price $4.00**
No. 721L Model Builders, left hand only. **Price $4.00**

SOLID RAILS



Completely built-up, solid-rail track containing bolts, fish plates, spikes, tie plates and closely spaced black ties. Bolts, fish plates and wrench supplied with track. Sixteen sections form circle 72 inches in diameter. Curved sections measure 14 inches. Straight sections measure 14⅜ inches. 1¼ inches between running rails.



SOLID RAIL TRACK

No. 771 Solid Curved Track — **Price $.50**
No. 772 Solid Straight Track — **Price $.50**
No. 773 Fish Plate Set, 100 screws, 100 nuts, 50 plates, wrench — **Price $1.25**

SOLID RAIL CROSSINGS

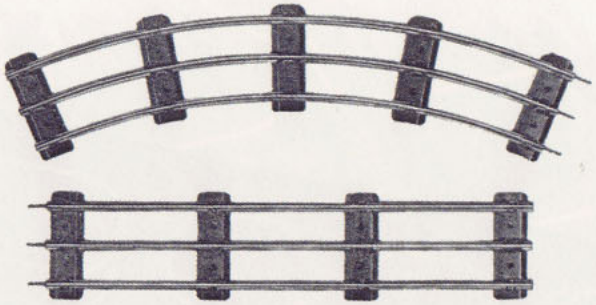
No. 730 90-Degree Crossing — **Price $2.75**

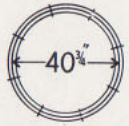
SOLID RAIL SWITCHES

No. 731 Remote Control Switches. Similar to No. 711, but with solid rail track. **Price, pair $15.00**
No. 731L Left **Price $7.75** **No. 731R** Right **Price $7.75**

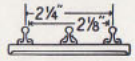
STANDARD GAUGE TRACK

Eight sections of curved track form a circle 40¾ inches in diameter. Straight track is 14 inches long. Curved track is 15½ inches long. 2⅛ inches between running rails.



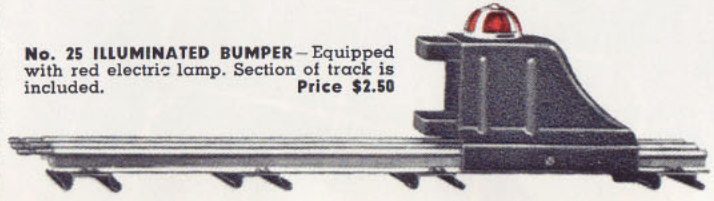


Each section of Lionel track is perfectly insulated and tested. Standard gauge straight track has four ties, and curved track five ties, which are oxidized black for greater realism. The track is made by doubling of the flange, greatly increasing its strength. Each section has three steel pins which fit into the adjoining section, and a track clip which holds the sections together, firmly locked. Straight sections are 14 inches long. Curved sections are 15½ inches long.



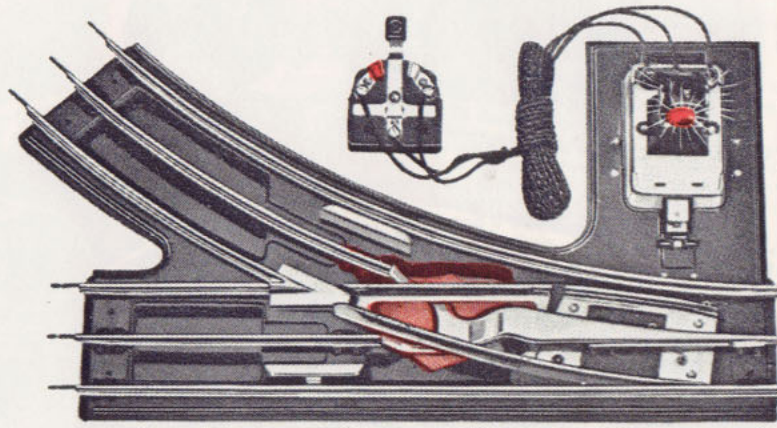
C Curved track — **Price $.35**
½C Half-length, curved track — **Price $.35**
S Straight track — **Price $.35**
½S Half-length, straight track — **Price $.35**
SS Straight track with two insulated rails, complete with Lockon and connecting wires — **Price $.70**
SCS Curved track with two insulated rails, complete with Lockon and connecting wires — **Price $.70**
O11-11 Fibre pins for insulated rails — **Each $.05**
OC-18 Steel pins — **Dozen $.10**

No. 20 90-DEGREE CROSSOVER
The cross rails are mounted on a ribbed steel base, beautifully enameled. A solid bakelite block prevents short circuits. 11¾ inches square. **Price $2.00**



No. 25 ILLUMINATED BUMPER—Equipped with red electric lamp. Section of track is included. **Price $2.50**

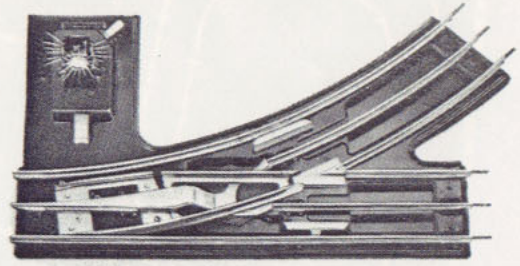
REMOTE CONTROL, NON-DERAILING SWITCHES



Lionel remote control switches are improved with a non-derailing device that automatically throws the switch into the correct position upon the approach of a train. Signal box rotates. Green light comes to view when track is clear. When the rails are set against the train a red light appears. Constructed of heavy steel. Fibre insulation eliminates all possibilities of short circuits. Switch is opened and closed by means of remote controls, which are included.

No. 223 Remote Control Switches—15¼ inches long, 8⅝ inches wide. Each switch includes 42 inches of electric cord, controlling lever and a bulb for the signal box. Pair, one right and one left. **Price per pair $13.50**
No. 223R Right Hand Switch **Price $7.00** **No. 223L** Left Hand Switch **Price $7.00**

MANUALLY CONTROLLED SWITCHES



The direction of the switch can be changed from one position to another by means of a lever at the side of the control box. This lever also rotates the signal box so that either a green or red illuminated bull's-eye comes to view. Green designates a clear track. Red designates a closed track.

No. 210 Standard Gauge Hand Operated Switches (Pair—one right and one left)—15¼ inches long, 8⅝ inches wide. Bulb included.
Price per pair $7.50
No. 210R Right Hand Switch — **Price $4.00**
No. 210L Left Hand Switch — **Price $4.00**

DO AS BIG RAILROADS DO—
plan from the ground up!

TRACK REQUIRED: 4 sections of straight track, 12 sections of curved track, 1 90-degree crossing. SPACE REQUIRED: For "027", 27 by 62 inches. "O" gauge, 30 by 70 inches. Standard, 43 by 100½ inches.

TRACK REQUIRED: 12 sections of straight track, 14 sections of curved track, 1 90-degree crossing, 1 pair of switches. SPACE REQUIRED: For "027" track, 110¾ by 27 inches. For "O" gauge, 120 by 30 inches. For Standard gauge, 43 by 170½ inches.

TRACK REQUIRED: 12 sections of straight track, 8 sections of curved track, 2 pairs of switches and 1 90-degree crossing. SPACE REQUIRED: For "027" track, 27 by 85½ inches. For "O" gauge, 30 by 90 inches. For Standard gauge, 43 by 127 inches.

TRACK: 15 straight, 10 curved, 1 pair of switches. SPACE: For "027", 36¾ by 75¾ ins. "O", 40 by 80 ins. Standard, 57 by 113.

TRACK: 19 straight track, 14 curved track; 2 pair switches. SPACE: For "027", 56¼ by 85½ ins. "O" gauge, 60 by 90 ins. Standard gauge, 85 by 127 ins.

TRACK: 18 curved track SPACE: For 85½ ins. "O" Standard g

TRACK REQUIRED: 13 sections of straight track, 8 sections of curved track and two right switches. SPACE REQUIRED: For "027", 27 by 85½ inches. For "O" gauge, 30 by 90 inches. For Standard gauge, 43 by 127 inches.

TRACK REQUIRED: 12 sections of straight track, 10 sections of curved track, 1 pair switches. SPACE REQUIRED: For "027" track, 27 by 95¼ inches. For "O" gauge, 30 by 100 inches. For Standard gauge, 43 by 141 inches.

TRACK REQUIRED: 8 sections of straight track, 1½ sections of curved track, 2 pairs of switches. SPACE REQUIRED: For "027" track, 27 by 85½ inches. For "O" gauge, 30 by 90 inches. For Standard gauge, 43 by 127 inches.

TRACK: 8 straight, 18 curved, pair of switches, 1 crossing. SPACE: For "027" track, 46½ by 78 ins. "O", 50 by 87 ins. Standard 71 by 124.

TRACK REQUIRED: 36 sections of straight track, 14 sections of curved track, 2 pair and 2 left hand switches and 2 bumpers. SPACE REQUIRED: For "027" track, 85½ inches square. "O" gauge, 90 inches square. Standard gauge, 127 inches square

TRACK REQUIRED: 30 straight, 16 curved and 2 pair of switches. SPACE: For "027", 66 by 85½ inches. "O" gauge, 70 by 90 inches. Standard gauge, 99 by 127 inches.

TRACK REQUIRED: 24 straight, 12 curved, 2 pair of switches, 1 90-degree crossing. SPACE: For "027", 66 by 85½ ins. "O" gauge, 70 by 90 ins. Standard gauge, 99 by 127 ins.

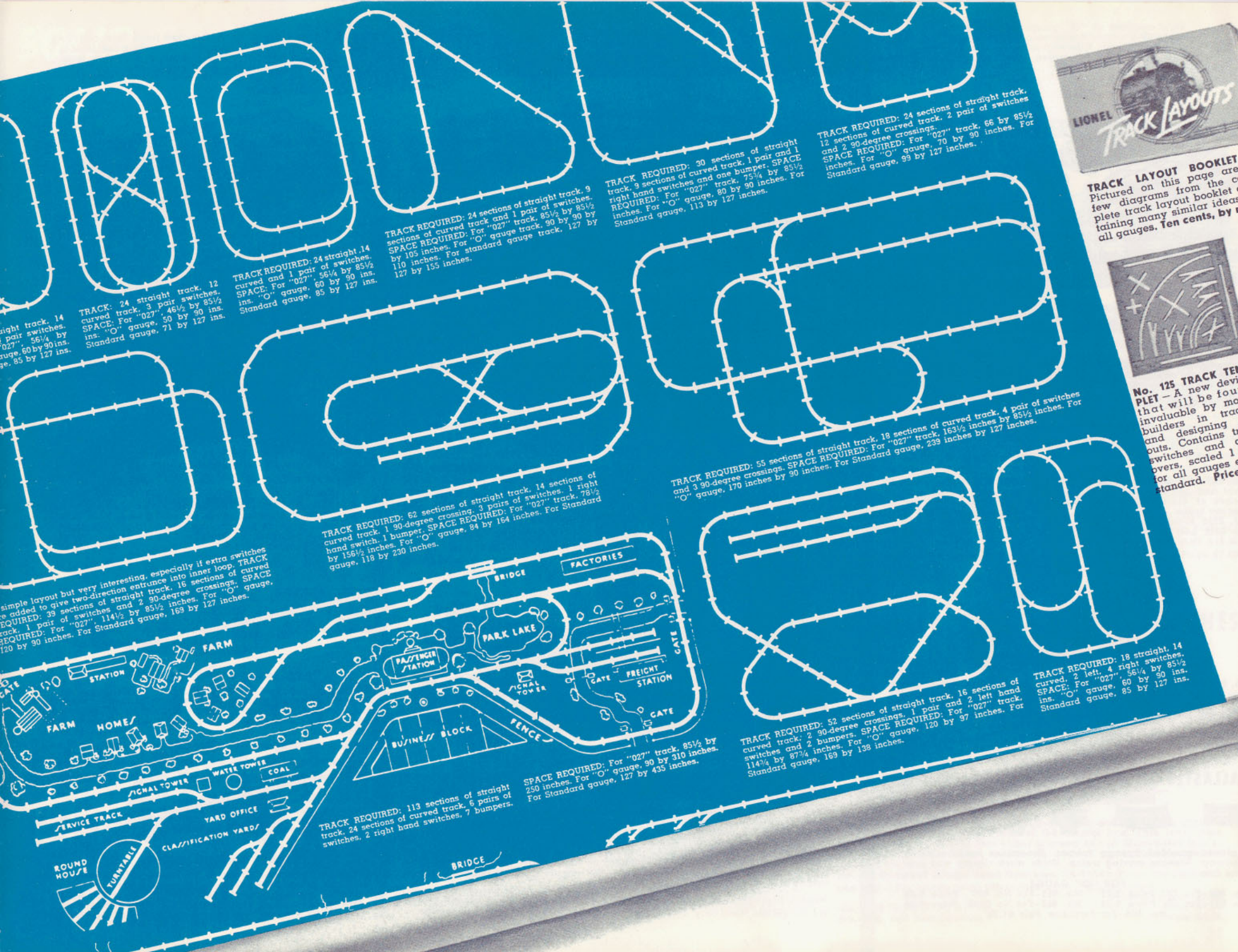
An amusing arrangement of track with some of the characteristics of a spiral, offering considerable travel before train returns to starting point. Can be extended for larger area.

TRACK REQUIRED: 30 sections of straight track, 18 sections of curved track, 2 pair of switches and 1 90-degree crossing. SPACE REQUIRED: For "027" track, 85½ by 66 inches. For "O" gauge, 90 by 70 inches. For Standard gauge, 127 by 99 inches.

Exceptionally interesting track formation suitable for a small area. Two connected loops with access from one to the other regardless of the direction of travel. Can be suitably insulated for the operation of two trains at a single time.

TRACK REQUIRED: 24 sections of straight track, 16 sections of curved track, 2 pair of switches and 2 90-degree crossings. SPACE REQUIRED: For "027" track, 105 by 65 inches. For "O" gauge, 110 by 70 inches. For Standard gauge, 155 by 99½ inches.

MOUNTAIN


ight track, 14
pair switches.
"027", 56¼ by
auge, 60 by 90 ins.
e, 85 by 127 ins.
TRACK: 24 straight track, 12 curved track, 3 pair switches. SPACE: For "027", 46½ by 85½ ins. "O" gauge, 50 by 90 ins. Standard gauge, 71 by 127 ins.
TRACK REQUIRED: 24 straight 14 curved and 1 pair of switches. SPACE: For "027", 56¼ by 85½ ins. "O" gauge, 60 by 90 ins. Standard gauge, 85 by 127 ins.
TRACK REQUIRED: 24 sections of straight track, 9 sections of curved track and 1 pair of switches. SPACE REQUIRED: For "027" track, 85½ by 85½ by 105 inches. For "O" gauge track, 90 by 90 by 110 inches. For standard gauge track, 127 by 127 by 155 inches.
TRACK REQUIRED: 30 sections of straight track, 9 sections of curved track, 1 pair and 1 right hand switches and one bumper. SPACE REQUIRED: For "027" track, 75¾ by 85½ inches. For "O" gauge, 80 by 90 inches. For Standard gauge, 113 by 127 inches.
TRACK REQUIRED: 24 sections of straight track, 12 sections of curved track, 2 pair of switches and 2 90-degree crossings. SPACE REQUIRED: For "027" track, 66 by 85½ inches. For "O" gauge, 70 by 90 inches. For Standard gauge, 99 by 127 inches.
simple layout but very interesting, especially if extra switches e added to give two-direction entrance into inner loop. TRACK EQUIRED: 39 sections of straight track, 16 sections of curved rack, 1 pair of switches and 2 90-degree crossings. SPACE REQUIRED: For "027" 114½ by 85½ inches. For "O" gauge, 120 by 90 inches. For Standard gauge, 169 by 127 inches.
TRACK REQUIRED: 62 sections of straight track, 14 sections of curved track, 1 90-degree crossing, 3 pairs of switches, 1 right hand switch, 1 bumper. SPACE REQUIRED: For "027" track, 78½ by 156½ inches. For "O" gauge, 84 by 164 inches. For Standard gauge, 118 by 230 inches.
TRACK REQUIRED: 55 sections of straight track, 18 sections of curved track, 4 pair of switches and 3 90-degree crossings. SPACE REQUIRED: For "027" track, 163½ inches by 85½ inches. For "O" gauge, 170 inches by 90 inches. For Standard gauge, 239 inches by 127 inches.
FACTORIES
BRIDGE
PARK LAKE
FARM
STATION
PASSENGER STATION
SIGNAL TOWER
GATE
FREIGHT STATION
GATE
GATE
FARM HOMES
BUSINESS BLOCK
FENCE
WATER TOWER
COAL
SIGNAL TOWER
SERVICE TRACK
YARD OFFICE
CLASSIFICATION YARD
ROUND HOUSE
TURNTABLE
BRIDGE
TRACK REQUIRED: 113 sections of straight track, 24 sections of curved track, 6 pairs of switches, 2 right hand switches, 7 bumpers.
SPACE REQUIRED: For "027" track, 85½ by 250 inches. For "O" gauge, 90 by 310 inches. For Standard gauge, 127 by 435 inches.
TRACK REQUIRED: 52 sections of straight track, 16 sections of curved track, 2 90-degree crossings, 1 pair and 2 left hand switches and 2 bumpers. SPACE REQUIRED: For "027" track, 114¾ by 87¾ inches. For "O" gauge, 120 by 97 inches. For Standard gauge, 169 by 138 inches.
TRACK REQUIRED: 18 straight, 14 curved, 2 left, 4 right switches. SPACE: For "027", 56¼ by 85½ ins. "O" gauge, 60 by 90 ins. Standard gauge, 85 by 127 ins.

TRACK LAYOUT BOOKLET — Pictured on this page are a few diagrams from the complete track layout booklet containing many similar ideas for all gauges. **Ten cents, by mail.**

No. 125 TRACK TEMPLET — A new device that will be found invaluable by model builders in tracing and designing layouts. Contains track, switches and crossovers, scaled 1 to 8, for all gauges except standard. **Price $1.00**

TYPE L
110 Volts — 60 Cycles — 50 Watt Capacity

TYPE B
110 Volts — 60 Cycles — 75 Watt Capacity

Type H
110-115 Volts — 25 to 40 Cycles — 75 Watt Capacity

38 years of Experience
IS BUILT INTO LIONEL TRANSFORMERS

Lionel engineers and craftsmen have been making Lionel Electric Trains since the turn of the century. What they have learned about boys and trains and transformers in all that time is packed inside the case of a Lionel Multivolt Transformer. Here is the very heart of the railroad and here Lionel craftsmanship is at its best. Lionel Electric Trains operate on harmless low voltage. It is necessary to reduce house current, which is usually 110 volts, to as low as 12 volts. When the house current is alternating, called A.C., a transformer is required for this function.*

For this purpose Multivolt Transformers are built in Lionel's own factories, under the skilled supervision of Lionel engineers and with the highest degree of uniformity and accuracy.

Look at the cut-away illustration of a Multivolt. It tells the inside story of transformers. There is no doubtful efficiency and no doubtful safety in the service a Multivolt gives. And a guarantee of proper service is behind it.

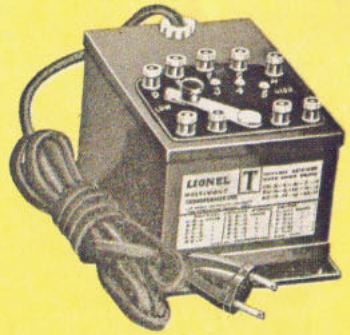
Laminations are made of silicon steel. Coils are windings of enameled copper wire, protected by layers of heavy insulation. When the coils are completely wound, they are dipped in varnish and baked to form a hard, moisture-proof unit. Because of the use of these materials and this scientific electrical design, Lionel Multivolt Transformers can withstand many continuous overloads and even temporary short circuits with less danger of "burn-outs". They give the greatest range of fixed voltage, with intervals, or steps, of one or two volts.

The chart below will help you in selecting the proper Lionel Multivolt Transformer for your train. Your local lighting company will tell you the type of current you have in your home; the voltage and the cycles.

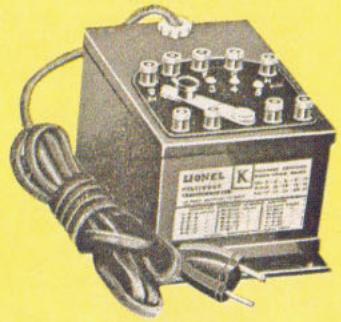
Remember, transformers operate only on alternating current (A.C.).

This chart specifies transformers for trains only. If you intend to add many accessories, get a larger unit than that specified.

* If your house is supplied with Direct Current you cannot use a transformer to operate an electric train but must use either a No. 171 Inverter or a No. 107 Reducer. See Page 38 for description and application of these devices.



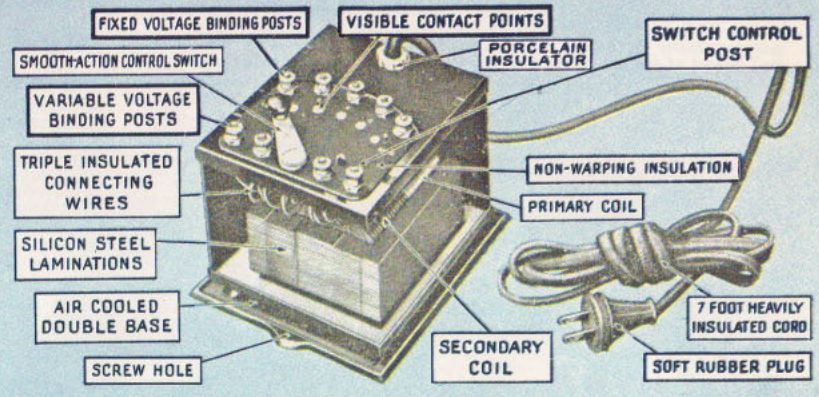
TYPE T
110 Volts — 60 Cycles — 100 Watt Capacity



TYPE K
110 Volts — 60 Cycles — 150 Watt Capacity

Transformer	Cycles	Watts	Range of Voltage	Will Operate	Size	Price
Type "L"	60	50	6 to 15	175E, 176E, 177E, 179E, 181E	3⅜x3¼x4"	3.50
Type "B"	60	75	8 to 12-14 to 18 21 to 25	175W, 176W, 177W, 178W, 178E, 179W, 181W, 299W, 267E, 267W, 182E, 182W, 183E, 183W, 295W, 185W, 186W, 187W, 189W, 190W, 191W, 0080, 0080W	4¼x5½x3¾"	5.75
Type "H"	25 to 40	75	3 to 7-8 to 12 13 to 17	175E, 176E, 177E 178E, 179E, 181E 267E, 182E, 183E, 0080	4¼x5½x3¾"	6.00
Type "T"	60	100	2 to 10-10 to 18 17 to 25	193W, 194W, 195W, 197W, 758W, 759W, 755W, 767W, 768W, 769W, 366W, 377W, 367W, 369W, 371W, 378W	4½x6x4¼"	8.00
Type "K"	60	150	2 to 10-10 to 18 17 to 25	709W, 358W, 396W	4¾x6x5"	11.00

Types "L," "B," "T" and "K" are for 110 volts, A.C., 60 cycles. Type "H" is for 110 to 120 volts, A.C., 25 to 40 cycles.



REMOTE CONTROLS

No. 171 DIRECT CURRENT INVERTER

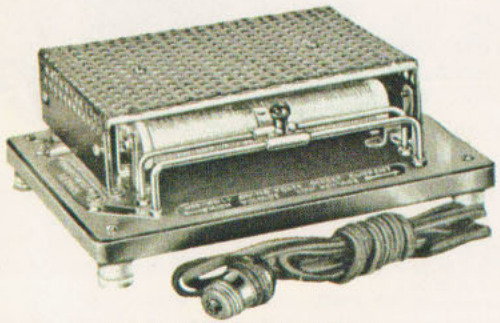
Converts Direct Current of 115 volts to Alternating Current of low voltage. No transformer, reducer or circuit breaker required. This device provides for operation of even the largest train outfits, for all types of automatic accessories, the Lionel whistle, train reverse and equipment requiring more current than is supplied by the usual reducer. Delivers up to 100 watts at 25 volts maximum, variable in small steps. Also delivers fixed voltage for numerous accessories. Built-in circuit breaker instantly cuts off current if "short" exists anywhere in layout. Heavy steel case. Rating Input: 115V D. C. 1 ampere. Output: 100 Watts at 25 volts maximum, 60 cycles. 7¼ inches square. **Price $17.50**

No. 172 D. C. Inverter—For 220 volt input. **Price $20.00**

No. 91 AUTOMATIC CIRCUIT BREAKER

An automatic device that prevents damage to lamps, whistle, controller and transformer. The circuit breaker protects transformer and whistle controller against burn-outs by immediately shutting off flow of current in event of a short circuit. Simultaneously, red lamp on top of circuit breaker is illuminated. This light signal is an exclusive Lionel feature. If your train fails to move when power is applied, red light immediately informs you there is a short circuit. Bulb is surmounted by a nickeled guard. 2¾ inches square, 4 inches high. **Price $3.50**

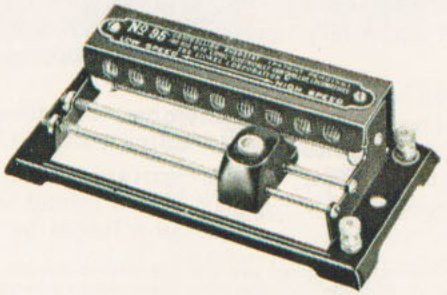
No. 91 can not be used with D. C. Reducers.



No. 107 DIRECT CURRENT REDUCER

Heavy duty potentiometer-type reducer, for operation of electric trains and other devices requiring a moderate amount of power at low voltage. Suitable for any outfit and any illuminated, but not automatic accessory. Sliding lever enables operator to control speed of train over a wide range, with unusual smoothness. Resistors wound on threaded porcelain tubes with finest grade resistance wire. Heavy moulded composition base. Perforated metal cover. Heavy duty lamp cord. Asbestos insulation. For use on 115V D. C. Size, 11 inches long, 8 inches wide, 3¼ inches high. **Price $7.50**

No 170—Reducer for 220 Volts D. C. **Price $10.00**



No. 95 CONTROLLING RHEOSTAT

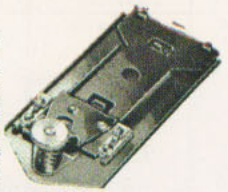
Provides delicate control of the speed of train by increasing or decreasing current from transformer. If your locomotive is "E" type, you press button to start, stop or reverse train. 4⅞ inches long. **Price $2.75**

No. 925 TRAIN LUBRICANT

Lionel Train Lubricant has been developed after years of laboratory tests, to replace ordinary oil. It assures efficient operation for a considerably longer time and will increase the life of all working parts. Two ounce nozzle-tube. **Price $.25**

No. 41 ACCESSORY CONTACTOR

New Lionel invention, eliminates necessity of special insulated track for automatic accessories. Can be used with any gauge of track except "OO." Accessory is actuated when weight of passing train closes two silver contact points. 4⅜ inches long, 2 inches wide. **Price $1.00**



No. 88 CONTROLLER

You push the button of this controller to start, stop, or reverse "E" type locomotives. Made of steel. Silver contacts. Necessary wire included. Size 2½ by 1¾ by ⅞ inches. **Price $1.00**

YOU CAN ADD WHISTLE EQUIPMENT TO ANY TRAIN YOU NOW OWN!

In order to make it possible for you to add the Lionel whistle to a train of any make you may now have, whistle mechanism has been built into tenders. With whistle-tender outfits you also receive whistle controller illustrated below. Electric, remote control couplers are at car end of all "O" gauge tenders, so that tenders may be used either with cars which have electric couplers or with those which do not have them. Draw bars are built into the locomotive end of tenders. For the operation of the electric coupler, special R.C.S. track is required and may be found on Pages 32 and 33.

"O" GAUGE

No. 2225TW	Whistle tender.	$ 9.50
No. 2226TW	Whistle tender.	$12.00
No. 250TWX*	Whistle tender.	$10.00
No. 2250TW	Whistle tender.	$10.75
No. 2259TW	Whistle tender.	$ 8.25
No. 2263TW	Whistle tender.	$10.75
No. 2265TW	Whistle tender.	$ 9.50

*Same as No. 2250TW but with draw bar at car end instead of electric coupler.

STANDARD GAUGE

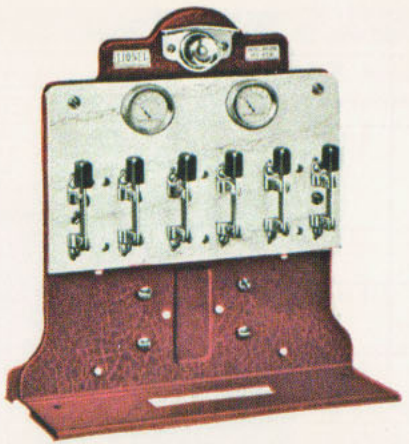
No. 1835TW	Whistle tender.	$10.00
No. 385TW	Whistle tender.	$10.00
No. 392TW	Whistle tender.	$12.50
No. 400TW	Whistle tender.	$15.00

Stationary WHISTLE

Especially Suitable for 25-cycle Current Where Built-in Equipment Can Not Be Used

If you want to add whistle equipment to your railroad at a minimum cost, this is the way to do it. Complete Lionel true-tone whistle is built inside this station. Station measures 5½ by 3⅞ inches at base and is 3¾ inches high. Whistle is blown by pressing a contact plate. Not suitable for use with No. 1029 Transformer.

No. 48W **Price $3.00.**



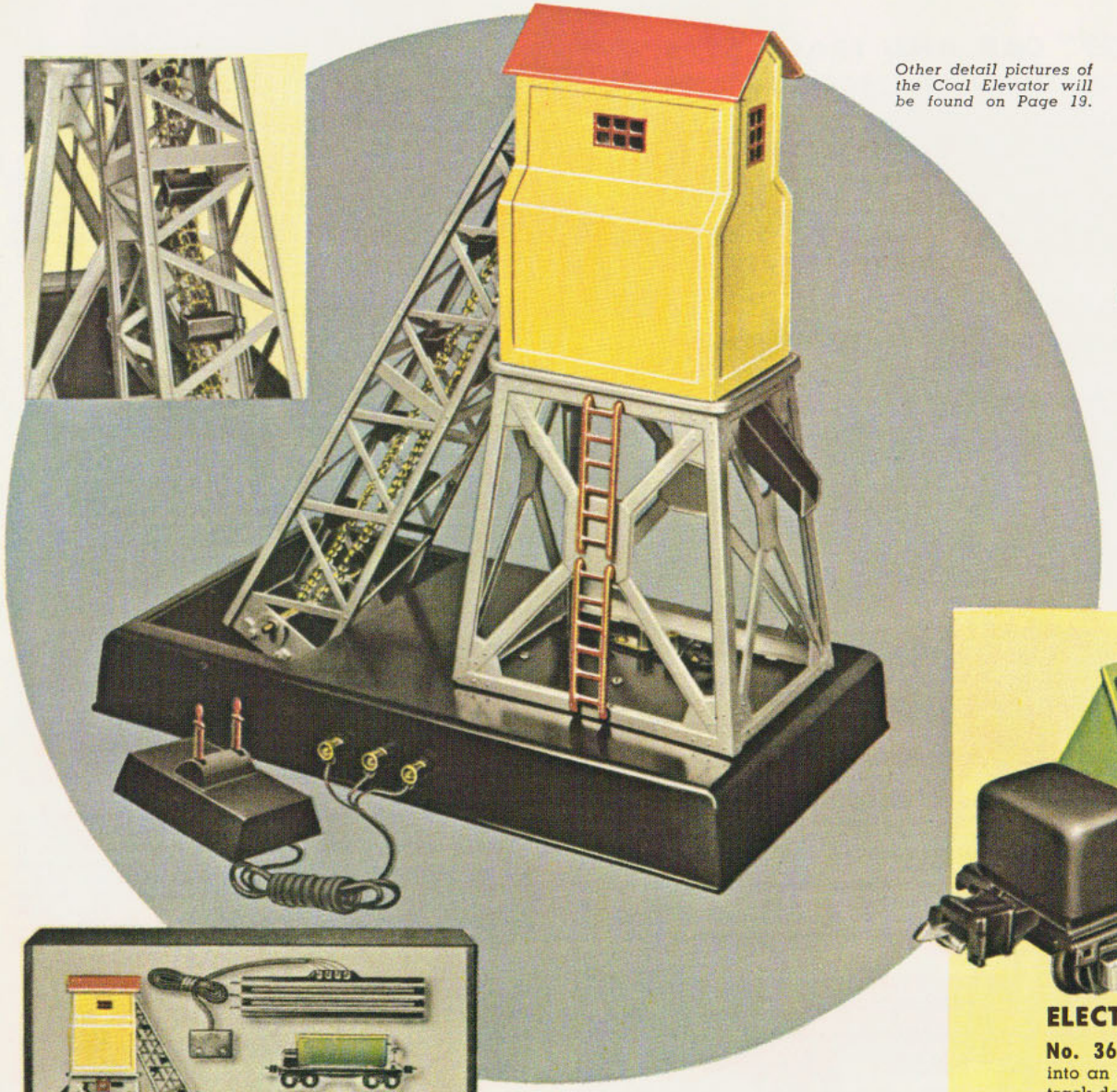
No. 439 PANEL BOARD

You can operate your train by remote control with the equipment supplied with it. This attractive panel board, however, provides an opportunity for compact arrangement of make-and-break contacts, always found useful in connection with illuminated accessories. Provision is made for mounting No. 223 Standard Gauge and No. 022 "O" Gauge switch controls. Electric bulb at top of panel illuminates dummy meters. Six knife switches are mounted on a composition panel. Size, 8¼ inches high, 7¼ inches wide. **Price $3.75**

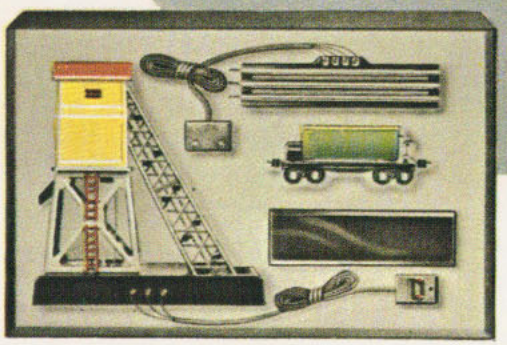
1975 Reproduction, Greenberg Publishing Co.

CAR LOADING AND UNLOADING

For track to operate the electric, tilting dump car, see Pages 32 and 33.



Other detail pictures of the Coal Elevator will be found on Page 19.



No. 188 "O" GAUGE COAL ELEVATOR, CAR AND TRACK SET. Consists of one No. 97 Coal elevator, operated by means of built-in electric motor; one No. 3659 Electric, tilting dump car; one section of R.C.S. Special control track; one No. 160 Unloading bin; one No. 206 half pound sack of imitation coal. **Price $10.75**

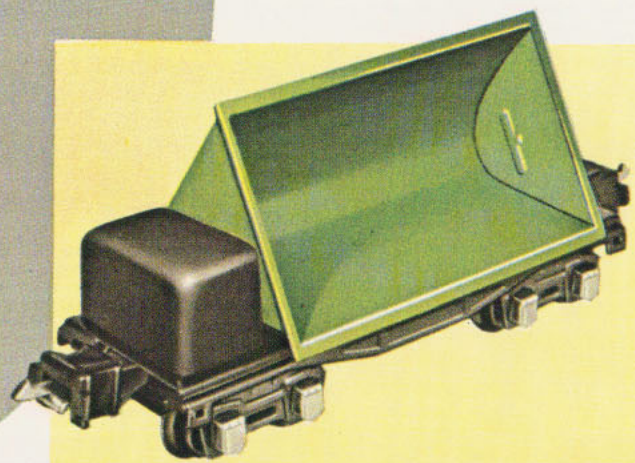
ELECTRIC, REMOTE CONTROL COAL ELEVATOR

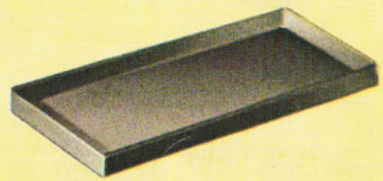
No. 97. At last, Lionel has created an accessory which will actually load model freight cars by remote control! Imitation coal placed in a well in the base of this structure is scooped up by a series of buckets traveling on an endless chain. The chain-conveyor lifts the buckets to the top of building where they are turned upside down, dumping their contents into the loft. The remote controls that are provided contain two hand levers. One lever controls the electric motor which operates the endless chain. The other lever opens and closes a gate in the loft. When the gate is opened, the contents of the loft pour down through a chute into your waiting freight car. With each elevator, a half pound of imitation coal is included. Height 12 inches. Base, 6 by 11½ inches. **Price $5.95**

No. 96. Similar to No. 97, but with endless-chain buckets operated by means of hand crank. The gate in loft, however, is opened and shut electrically, by remote control. **Price $3.95**

A SACK OF IMITATION COAL

With each coal elevator and electric dump car, a sack of realistic, imitation coal is included. Not only does this imitation coal provide remarkable resemblance to the real thing, but it is also easy to handle and dustless. Be sure to obtain extra quantities, for no real railroad ever runs low on coal and your surplus can be used as packaged freight and to form realistic coal piles.
No. 206 Half pound of imitation coal. **Price $.25**





With every electric, remote control dump car an unloading bin is included. The bin is made of moulded plastic and has a permanent finish.

ELECTRICALLY OPERATED REMOTE CONTROL DUMP CARS

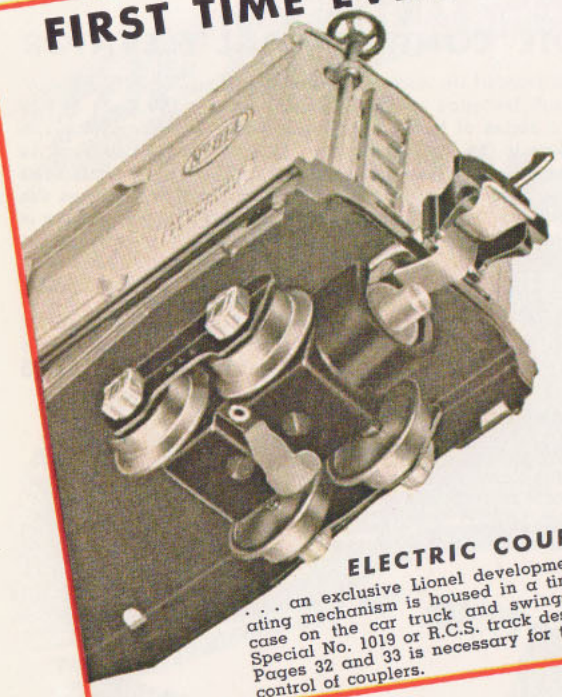
No. 3659. Car body can be tilted by electric, remote control, for discharging its contents into an unloading bin alongside the track. Must be used with R.C.S. or No. 1019 controlling track described on Pages 32 and 33. Car is also equipped with electric couplers which can be actuated from a distance by the same R.C.S. track and controls. With each car is packed one unloading bin, pictured above, and one quarter pound of imitation coal. The electric dump car is a fascinating addition for any "O" gauge or "027" series outfits. Length 6¾ inches. For use with "027" cars and with the 2650 series of "O" gauge freight cars. **Price $3.25**

No. 3859. Similar to No. 3659 but 8⅞ inches long. Equipped with electric, remote control couplers. For use with the 2800 series freight cars. **Price $4.25**

1975 Reproduction, Greenberg Publishing Co.

1975 Reproduction, Greenberg Publishing Co.

FIRST TIME EVER . . .



ELECTRIC COUPLERS

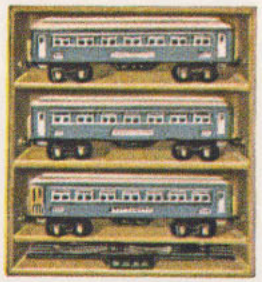
. . . an exclusive Lionel development. Actuating mechanism is housed in a tiny plastic case on the car truck and swings with it. Special No. 1019 or R.C.S. track described on Pages 32 and 33 is necessary for the remote control of couplers.

TABLE OF "O" GAUGE TENDERS AND CARS

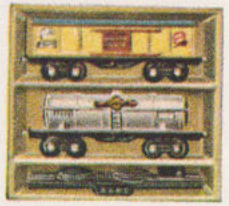
Tender	*Will Couple With:*
2689T-02689W-2259TW 2225T-2225W	2651 series freight cars; 2640 series passenger cars; 2620 floodlight car; 2660 wrecking crane; 3659 dump car*
2226W-2250W-2263W 2265T-2265W	2600 and 2613 series passenger cars; 2810 freight cars and 3859 dump car†

*Cars of the 651 series, 1630, 1640, 1679, 1690 series and 620 floodlight car (all with conventional couplers) will couple with 02689W, 2689T and 2225T and W tenders (with electric couplers), but will not uncouple by remote control.
†Cars of the 600, 613, and 810 series (with conventional couplers) will couple with 2226W, 2250W, 2263W, 2265T and W (with electric couplers) but will not uncouple by remote control.
Standard Gauge cars 309, 310, 312 may be used with Locomotives 385E, 1835E. Nos. 424, 425, 426, may be used with Locomotives 385E, 392E, 1835E. Nos. 420, 421, 422, may be used with Locomotives 385E, 1835E, 392E, 400E. Nos. 1766, 1767, 1768 may be used with Locomotives 9E, 385E, 392E, 1835E.

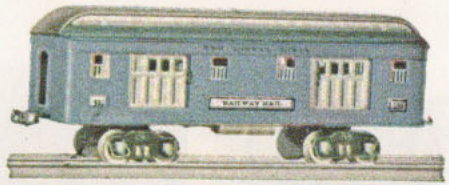
"027" CAR AND TRACK SETS
WITH REMOTE CONTROL COUPLERS



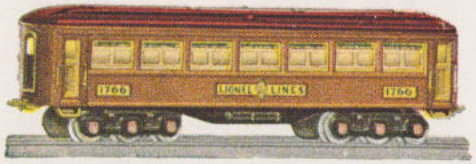
No. 1048 "027" PASSENGER CAR SET—Includes new, 12-inch enameled Pullman cars with removable roofs and remote control couplers. Outfit consists of two No. 2630 Pullman cars, No. 2631 Observation car, No. 1019 track set with remote control. **Price $7.25**



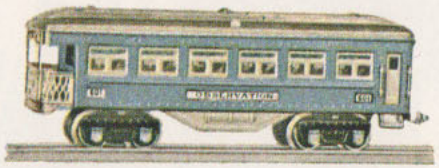
No. 1049 "027" FREIGHT CAR SET—Make your passenger locomotive do double-duty by adding freight cars equipped with electric couplers. Outfit consists of No. 2679 Box car, No. 2680 Oil car and No. 1019 track set with remote control. **Price $4.00**



No. 310 STANDARD GAUGE ILLUMINATED MAIL AND BAGGAGE CAR—13¼ inches long, 5¼ inches high. **Price $4.00**
No. 309 STANDARD GAUGE ILLUMINATED PULLMAN CAR—Companion to No. 310. **Price $4.00**
No. 312 STANDARD GAUGE ILLUMINATED OBSERVATION CAR—Companion for Nos. 310 and 309. **Price $4.50**

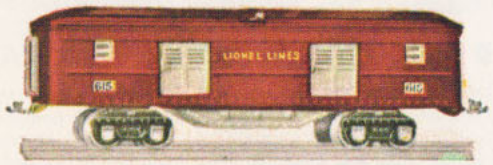


No. 1766 STANDARD GAUGE ILLUMINATED PULLMAN CAR—Inset windows, deeply embossed details and swinging doors. Roof is removable. 15 inches long, 4⅝ inches high. **Price $4.25**
No. 1767 STANDARD GAUGE ILLUMINATED BAGGAGE CAR—To be used with No. 1766. It has four sliding doors. **Price $4.25**
No. 1768 STANDARD GAUGE ILLUMINATED OBSERVATION CAR—Similar to No. 1766 but with decorated platform. **Price $4.75**

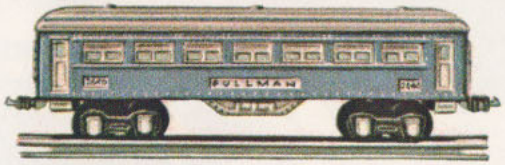


No. 2601 "O" GAUGE ILLUMINATED OBSERVATION CAR—With electric, remote control couplers. 9⅛ inches long, 3½ inches high. **Price $3.50**
No. 601. Same as No. 2601, but without electric couplers. **Price $2.75**
No. 2600 "O" GAUGE ILLUMINATED PULLMAN CAR—With electric, remote control couplers. Similar to No. 2601. **Price $3.25**
No. 600. Same as No. 2600, but without electric couplers. **Price $2.50**
No. 2602 "O" GAUGE ILLUMINATED BAGGAGE CAR—With electric, remote control couplers. Similar to Nos. 2601 and 2600. **Price $3.75**
No. 602. Same as No. 2602, but without electric couplers. **Price $3.00**

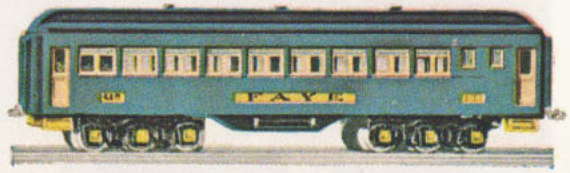
No. 426 STANDARD GAUGE ILLUMINATED OBSERVATION CAR—Inset windows, swinging doors, wide observation platform with colored warning discs. Roof is removable. 15⅞ inches long. **Price $8.50**
No. 424 STANDARD GAUGE ILLUMINATED PULLMAN CAR—Similar to No. 426 but without observation platform. Named "Liberty Bell". **Price $8.50**
No. 425 STANDARD GAUGE ILLUMINATED PASSENGER CAR—Same as No. 424 but named "Stephen Girard". **Price $8.50**



No. 2615 "O" GAUGE ILLUMINATED BAGGAGE CAR—With electric, remote control couplers. 10¼ inches long, 3½ inches high. **$4.25**
No. 615. Same as No. 2615, but without electric couplers. **Price $3.50**
No. 2613 PULLMAN—With electric control couplers. **Price $4.00**
No. 613. Same as No. 2613, but without electric couplers. **Price $3.25**
No. 2614 OBSERVATION CAR—With electric couplers. **Price $4.25**
No. 614. Same as No. 2614, but without electric couplers. **Price $3.50**

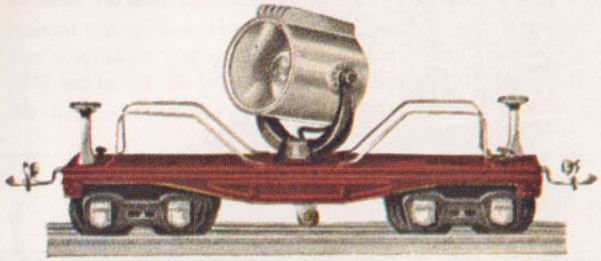


No. 2640 "O" GAUGE ILLUMINATED PULLMAN CAR—New, long, low design, equipped with interior illumination and removable roof. Each car has two built-in, coupler-lifting mechanisms which, when used with R.C.S. track, enable you to uncouple one car from another merely by pressing a remote control button. 12 inches long. **Price $3.00**
No. 2641 ILLUMINATED OBSERVATION CAR—Similar to No. 2640 but with detailed observation platform. **Price $3.25**



No. 420 STANDARD GAUGE ILLUMINATED PULLMAN CAR—Interior is fitted with two rows of swivel chairs which actually revolve. 18⅞ inches long, 5⅛ inches high. **Price $11.00**
No. 421 STANDARD GAUGE ILLUMINATED PULLMAN CAR—Same as No. 420 but named "Westphal". **Price $11.00**
No. 422 STANDARD GAUGE ILLUMINATED OBSERVATION CAR—Companion to No. 420. Named "Tempel". **Price $11.00**

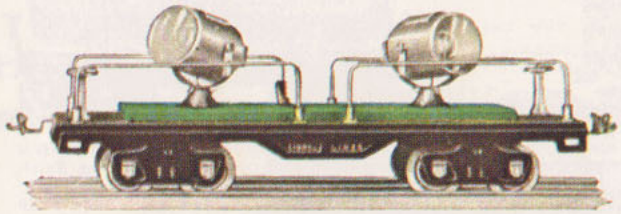
SERVICE CARS AND CAR SETS



No. 2620 FLOODLIGHT CAR FOR "027" AND "O" GAUGE

The most popular car in model railroad rolling stock now equipped with remote control couplers. For use with the 600 series "O" gauge and all "027" cars. Polished metal reflector may be swung from one side to the other, up or down, to focus the light at any point. Car measures 6⅝ inches in length. Bulb is included. **Price $3.50**

No. 620. Same as No. 2620 but without electric, remote control couplers. **Price $2.75**



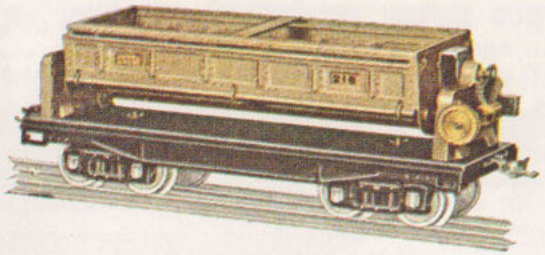
ELECTRIC FLOODLIGHT CARS Searchlights have revolving reflectors that can be adjusted to any angle. A universal switch makes it possible to illuminate each lamp separately or both at one time.

No. 2820 "O" Gauge, 8⅞ inches long. Equipped with electric remote control couplers. **Price $5.25**

No. 820 Same as No. 2820, but without electric, remote control couplers. **Price $4.50**

No. 520 Standard Gauge, 11⅝ inches long. **Price $5.50**

No. 220 Standard Gauge, 12⅝ inches long. **Price $6.75**

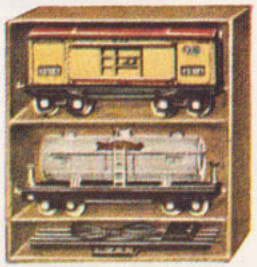


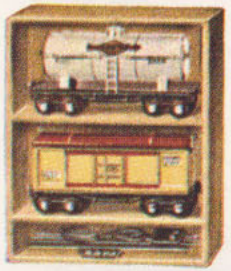
No. 218 STANDARD GAUGE DUMP CAR

A hand wheel on this model dump car tilts the body so that the sides open permitting the contents to be dumped. It's ideal for any freight railroad and especially suitable if you have a work train. 12⅞ inches long, 4¾ inches high. **Price $4.50**

Gift Car Sets

EQUIPPED WITH ELECTRIC COUPLERS AND COMPLETE WITH REMOTE CONTROL TRACK





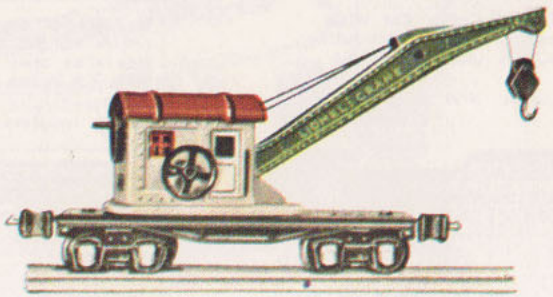
No. 801 "O" GAUGE FREIGHT CAR SET

Complete with electric couplers, special coupler-actuating track and remote control. Outfit consists of No. 2654 Oil car, No. 2655 Box car and R.C.S. track set. **Price $6.25**

No. 802 "O" GAUGE FREIGHT CAR SET

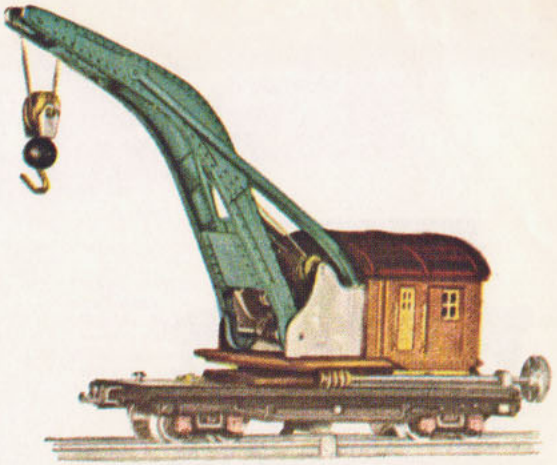
Typical of those used on big roads, these freight cars are equipped with electric couplers and remote control. Outfit includes No. 2814 Box car, No. 2815 Oil car and R.C.S. track set. **Price $8.00**

New "027" AND "O" GAUGE OPERATING WORK CRANE



No. 2660 "O" GAUGE WORK CRANE

Equipped with electric, remote control couplers. Boom is raised or lowered by means of wheel on end of cab. Tackle controlled by wheel at side. Cab can be turned from side to side. Length 8¾ inches. **Price $3.75**

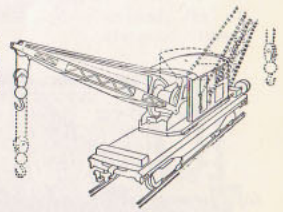


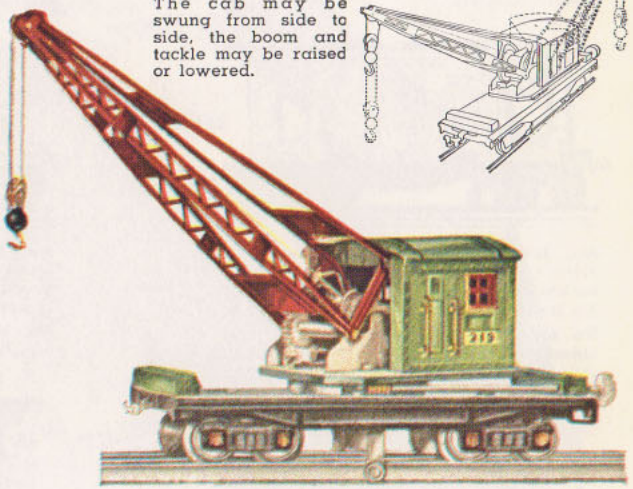
No. 2810 "O" GAUGE WORK CRANE

Equipped with electric, remote control coupler at one end. You can use this railroad work crane actually to hoist derailed cars. The boom can be raised or lowered. Track clamp, hidden under frame, prevents the car from tipping when it is being used. Car is 10 inches long. Boom is 11 inches long. **Price $8.75**

No. 810 Same as No. 2810 but without electric, remote control coupler. **Price $8.50**

The cab may be swung from side to side, the boom and tackle may be raised or lowered.





No. 219 STANDARD GAUGE WORK CRANE

This life-like work crane model can be operated by means of small control wheels that protrude from the cab. Track clamp under car will hold it steady during operations. The cab may be swung from side to side; the boom and tackle may be raised or lowered. Car is 12⅝ inches long, 6 inches high. Boom is 16¾ inches long. **Price $10.00**

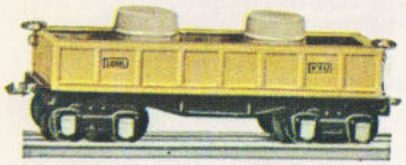
"O" GAUGE FREIGHT CARS

EVERY CAR ON THIS PAGE NOW WITH ELECTRIC COUPLERS!

SELECT a fleet of cars from this page now and add this exciting remote control feature to your model railroad. Electric couplers and remote control unloading dump cars are actuated by means of special R.C.S. track described on pages 32 and 33. All of the 2650 series cars may be used with "027" trains, in which case No. 1019 track is required.

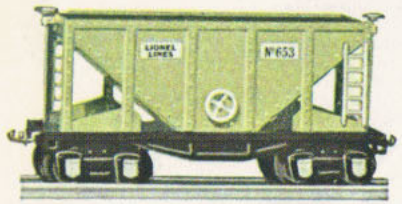
No. 2659 "O" Gauge Dump Car with electric remote control couplers. Body can be tilted for dumping on either side. 6¾ inches long, 2¾ inches high. **Price $2.50**

No. 659—Similar to No. 2659 but without electric couplers. **Price $1.75**



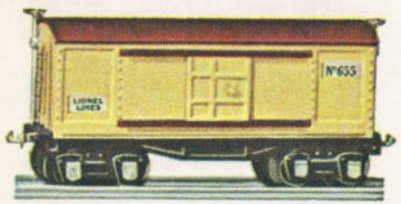
No. 2652 "O" Gauge Gondola Car with electric couplers. Two barrels are included. 6⅝ inches long, 2⅛ inches high. **Price $2.25**

No. 652—Similar to No. 2652 but without electric couplers. **Price $1.50**



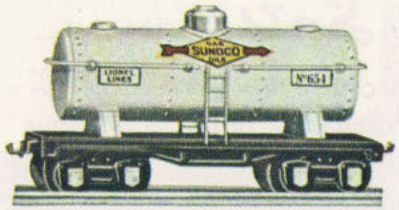
No. 2653 "O" Gauge Coal Car with electric remote control couplers. Hopper bottom can be opened. 6¾ inches long, 3¼ inches high. **Price $2.50**

No. 653—Similar to No. 2653 but without electric couplers. **Price $1.75**



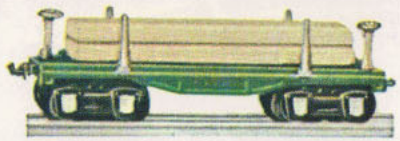
No. 2655 "O" Gauge Box Car with electric couplers. 6⅞ inches long. **Price $2.50**

No. 655—Similar to No. 2655 but without electric couplers. **Price $1.75**



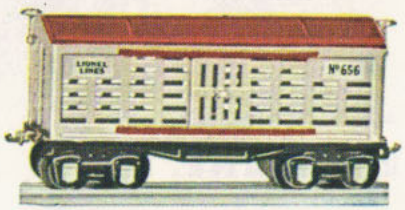
No. 2654 "O" Gauge Oil Car with electric remote control couplers. Aluminum finish, bright nickel details. 6⅝ inches long, 3½ inches high. **Price $2.50**

No. 654—Similar to No. 2654 but without electric couplers. **Price $1.75**



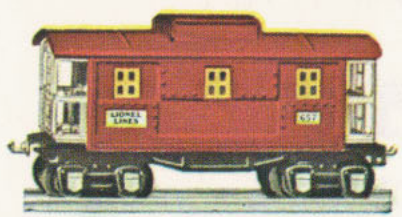
No. 2651 "O" Gauge Flat Car with electric remote control couplers. Loaded with lumber that can be removed. 6⅝ inches long, 2⅛ inches high. **Price $2.25**

No. 651—Similar to No. 2651 but without electric couplers. **Price $1.50**



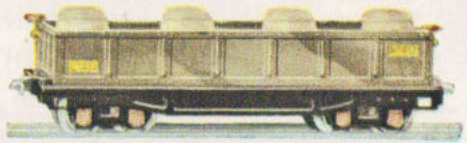
No. 2656 "O" Gauge Cattle Car with electric remote control. Sides are cut out. Doors slide open. 6⅞ inches long, 3¼ inches high. **Price $2.50**

No. 656—Similar to No. 2656 but without electric couplers. **Price $1.75**



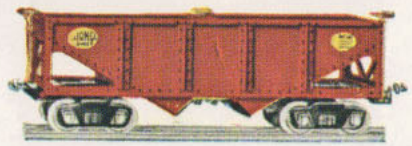
No. 2657 "O" Gauge Caboose with electric couplers. 6⅝ inches long. **Price $2.50**

No. 657—Similar to No. 2657 but without electric couplers. **Price $1.85**



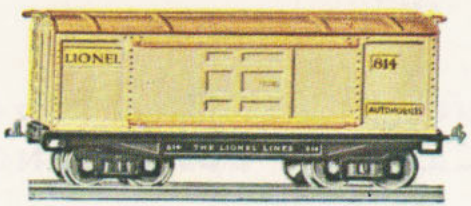
No. 2812 "O" Gauge Gondola Car with electric remote control couplers. Complete with 4 barrels. 8⅞ inches long, 2⅝ inches high. **Price $3.25**

No. 812—Similar to No. 2812 but without electric couplers. **Price $2.50**



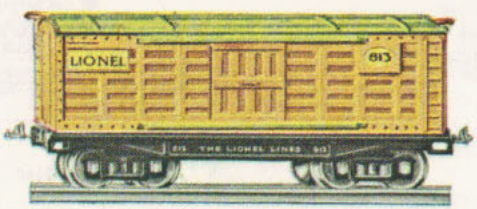
No. 2816 "O" Gauge Coal Car with electric remote control couplers. Wheel opens hopper bottoms. 8⅞ inches long, 3¾ inches high. **Price $3.50**

No. 816—Similar to No. 2816 but without electric couplers. **Price $2.75**



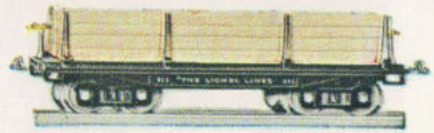
No. 2814 "O" Gauge Box Car with electric remote control couplers. Doors on each side slide open for loading. 8⅞ inches long, 3¾ inches high. **Price $3.50**

No. 814—Similar to No. 2814 but without electric couplers. **Price $2.75**



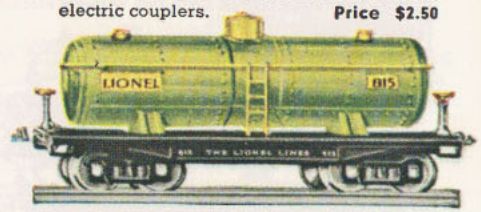
No. 2813 "O" Gauge Cattle Car—Electric couplers. 8⅞" long, 3¾" high. **Price $3.50**

No. 813—Similar to No. 2813 but without electric couplers. **Price $2.75**



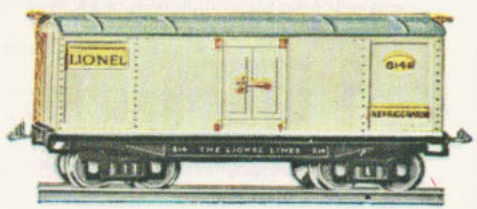
No. 2811 "O" Gauge Flat Car with electric remote control couplers. Nickeled stakes hold in a real load of lumber. 8⅞ inches long, 2½ inches high. **Price $3.25**

No. 811—Similar to No. 2811 but without electric couplers. **Price $2.50**



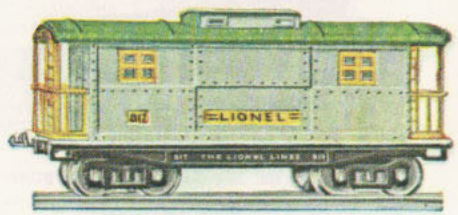
No. 2815 "O" Gauge Oil Car with electric remote control couplers. Aluminum finish with bright nickeled details. 8⅞ in. long, 3¾ in. high. **Price $3.50**

No. 815—Similar to No. 2815 but without electric couplers. **Price $2.75**



No. 2814R "O" Gauge Refrigerator Car with electric remote control couplers. Doors are hinged. 8⅞ inches long, 3¾ inches high. **Price $3.50**

No. 814R—Similar to No. 2814R but without electric couplers. **Price $2.75**

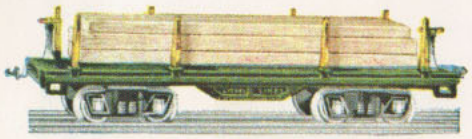


No. 2817 "O" Gauge Caboose with electric couplers. 8⅞ in. long. **Price $3.50**

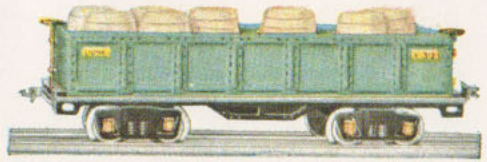
No. 817—Similar to No. 2817 but without electric couplers. **Price $2.75**

STANDARD GAUGE FREIGHT CARS

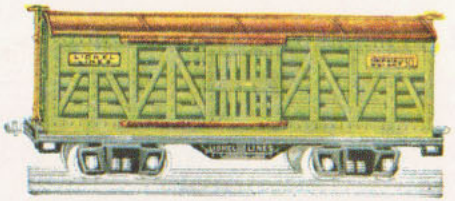
Freight Cars Nos. 211 to 217 are for use with Locomotive No. 400E. Nos. 511 to 517 are for Nos. 385E, 1835E and 392E. Lionel reserves the right to change colors of cars from time to time.



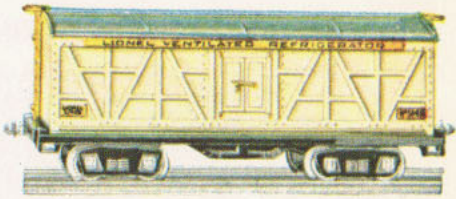
No. 511 Standard Gauge Flat Car—Loaded with a shipment of real lumber, 11½ inches long, 3⅛ inches high. **Price $3.00**



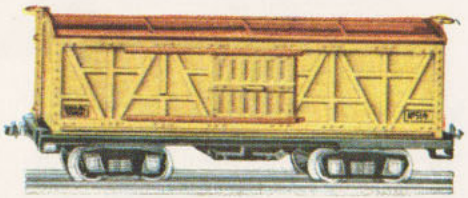
No. 512 Standard Gauge Gondola Car—With 8 barrels that can be opened and filled. 11¾ inches long, 3⅜ inches high. **Price $3.00**



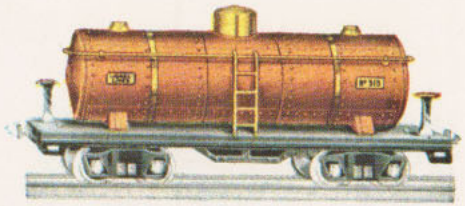
No. 513 Standard Gauge Cattle Car—Door on each side slides open for loading. 11⅝ inches long, 5 inches high. **Price $3.50**



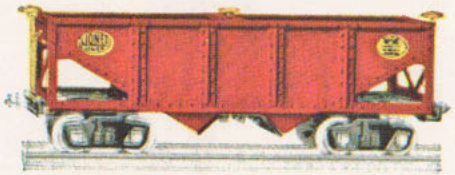
No. 514R Standard Gauge Refrigerator Car—Hinged doors with clamp lock. 11⅝ inches long, 4⅞ inches high. **Price $3.50**



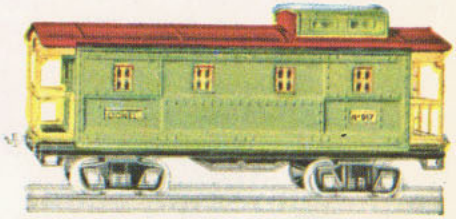
No. 514 Standard Gauge Box Car—A door on each side slides open and shut. 11⅝ inches long, 4⅞ inches high. **Price $3.50**



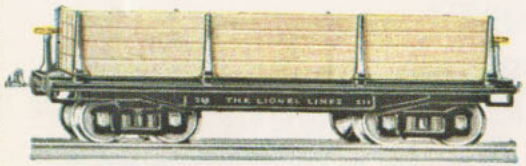
No. 515 Standard Gauge Oil Car—Aluminum finish. Realistic oil company emblem. 11⅝ inches long, 5¼ inches high. **Price $3.50**



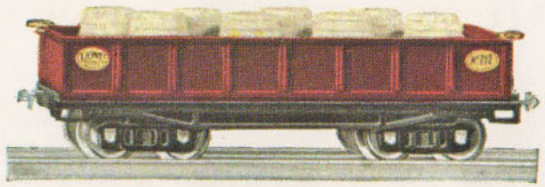
No. 516 Standard Gauge Coal Car—Hopper bottoms can be opened and closed. 11⅝ inches long, 4¼ inches high. **Price $3.75**



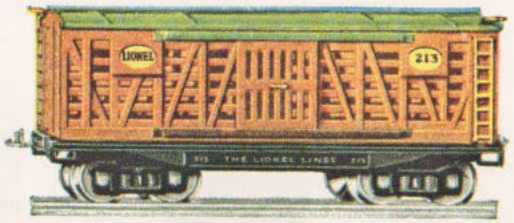
No. 517 Standard Gauge Illuminated Caboose—Raised cupola. Platform illumination. 11⅝ inches long, 5½ inches high. **Price $3.75**



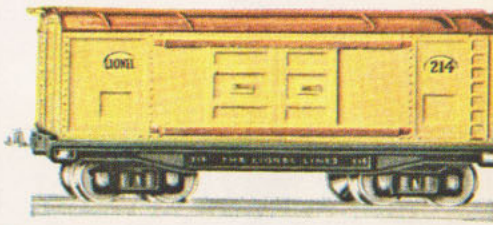
No. 211 Standard Gauge Flat Car—Eight stakes hold a load of lumber. 12⅝ inches long, 3¾ inches high. **Price $3.50**



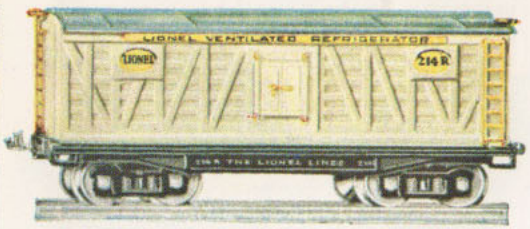
No. 212 Standard Gauge Gondola Car—With 8 barrels that can be opened and filled. 12⅞ inches long, 3⅝ inches high. **Price $3.50**



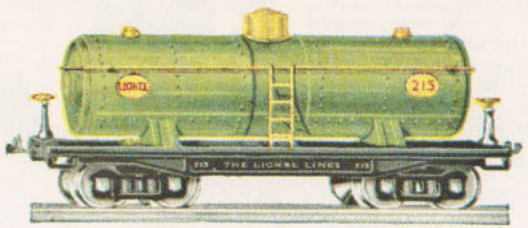
No. 213 Standard Gauge Cattle Car—Door on each side slides open for loading. 12⅝ inches long, 5½ inches high. **Price $4.50**



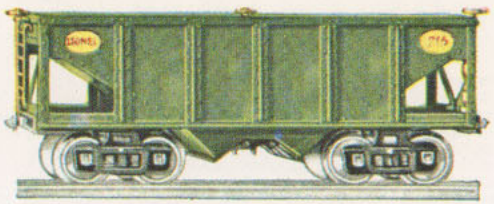
No. 214 Standard Gauge Box Car—Doors slide open and shut. 13⅛ inches long, 5½ inches high. **Price $4.50**



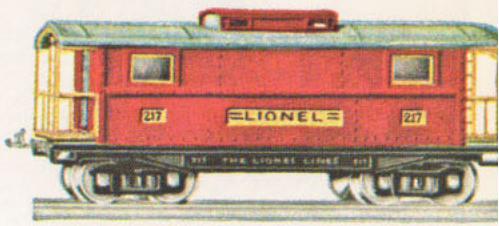
No. 214R Standard Gauge Refrigerator Car—Hinged doors with clamp locks. Embellished with inset name and number plates. 13⅛ inches long, 5½ inches high. **Price $4.50**



No. 215 Standard Gauge Oil Car—Tank is finished in gleaming aluminum. Contains realistic Sun Oil Company emblem. 12⅝ inches long, 5¾ inches high. **Price $4.50**



No. 216 Standard Gauge Coal Car—Hopper bottoms can be opened and closed by means of a wheel on the top of car. 13 inches long, 4⅞ inches high. **Price $4.50**



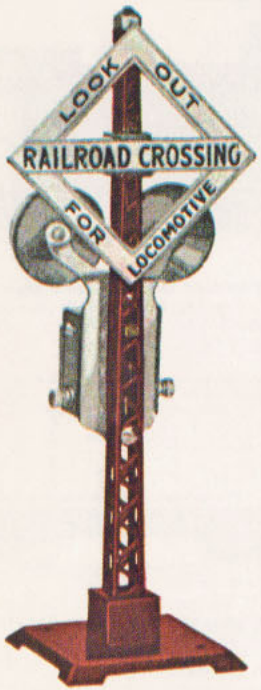
No. 217 Standard Gauge Illuminated Caboose—Richly enameled finish. Rear warning discs are illuminated by platform light. 12⅝ inches long, 5⅝ inches high. **Price $5.00**

1975 Reproduction, Greenberg Publishing Co.

AUTOMATIC SIGNALS

LIGHTS FLASH, BELLS RING, THE SEMAPHORE CALLS A HALT

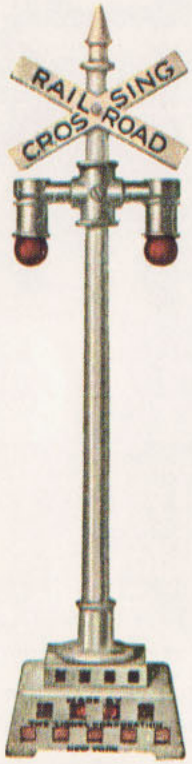
Here's railroad color, action and atmosphere in abundance. Warning lights and bells that tell a miniature motorist when a train is approaching. Color light signals and semaphores that, by means of an ingenious thermal control, stop a train at a designated spot, hold it waiting for a moment, then start it again—automatically.



No. 69N WARNING SIGNAL

For Use With Any Track Except "OO" Gauge

Ingeniously constructed so that bells ring automatically each time a train approaches crossing. Bells stop ringing as soon as track is clear. This type of warning signal is one of those most often seen on real highways throughout the country. Upright standard is of steel girder construction. No. 41 contactor and complete directions are included. **Price $3.50**



No. 79 FLASHING SIGNAL

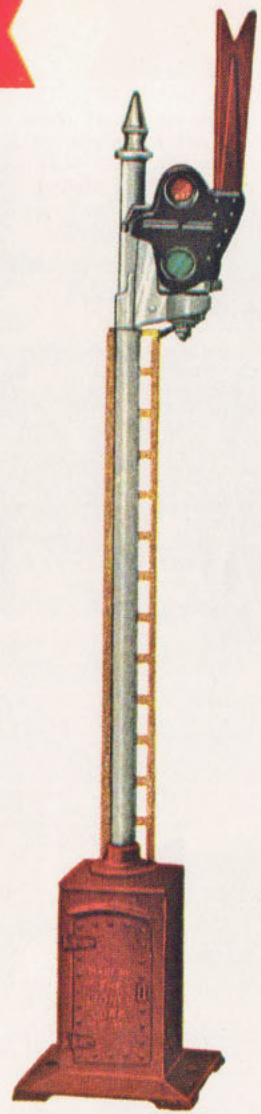
For Use With Any Track Except "OO" Gauge

Red lights flash on and off alternately by means of a built-in thermostat. The action of the lights is fascinating to watch and completely realistic. In the base, as shown in the illustration, a second red warning light shines continuously. Included with signal are the necessary bulbs and adequate quantity of connecting wires. Signal measures 11⅝ inches high. **Price $4.00**

No. 99N TRAIN CONTROL

For Use With Any Track Except "OO" Gauge

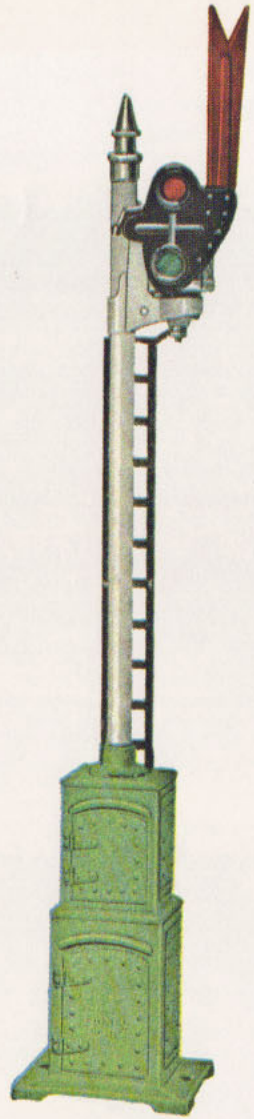
As train passes over accessory contactor, red light shines and train is automatically stopped. After an interval, green light shines and train proceeds. When last car leaves block, light changes to yellow. This action is entirely automatic. Included with each train control is a No. 41 contactor, bulbs and two Lockons. Signal is 11¼ inches high. **Price $5.50**



No. 80N AUTOMATIC SIGNAL

For Use With Any Track Except "OO" Gauge

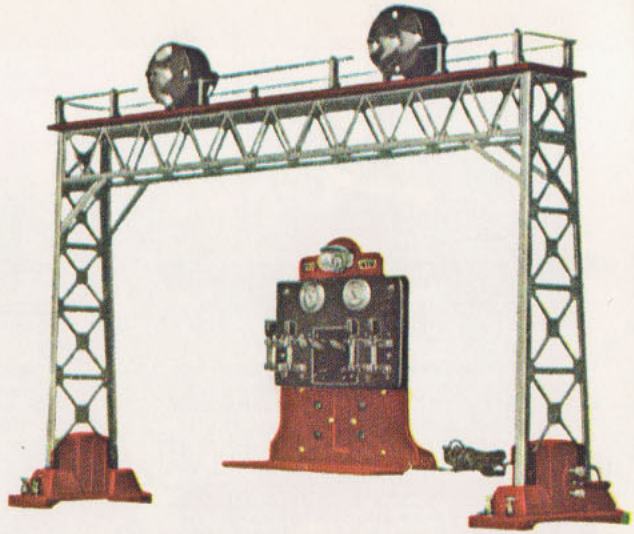
As train passes over accessory contactor to which signal is attached, semaphore arm rises and green bull's-eye is illuminated. When train has passed, arm drops to horizontal position and red bull's-eye is illuminated. Entirely automatic in operation. From base to finial, 15 inches high. Includes No. 41 contactor, bulb and connecting wires. **Price $4.25**



No. 82N TRAIN CONTROL

For Use With Any Track Except "OO" Gauge

When train approaches track to which signal is connected, semaphore arm is down and red bull's-eye is illuminated. Train stops automatically. After a short interval, arm rises, light changes to green and train proceeds. Action is entirely automatic. From base to finial, 14¾ inches high. Includes bulb, wires, two Lockons and No. 41 Contactor. **Price $6.75**



No. 440N LIGHT-POSITION TWIN-SIGNAL BRIDGE

For Any Style of Track Except "OO" Gauge

Three lights are illuminated in each signal head at a single time. "Proceed" is indicated by vertical lights. "Stop" by horizontal lights. The position of the light actually controls the passage of trains, stopping them, starting them, or allowing them to proceed without interruption. Signals are for use on either single or double track and are operated independently by means of remote control panel board that is included. Direction of lights can be reversed. Complete with four Lockons. 20½ inches wide, 14⅜ inches high. **Price $11.50**

No. 87 SIGNAL

For Use With Any Track Except "OO" Gauge

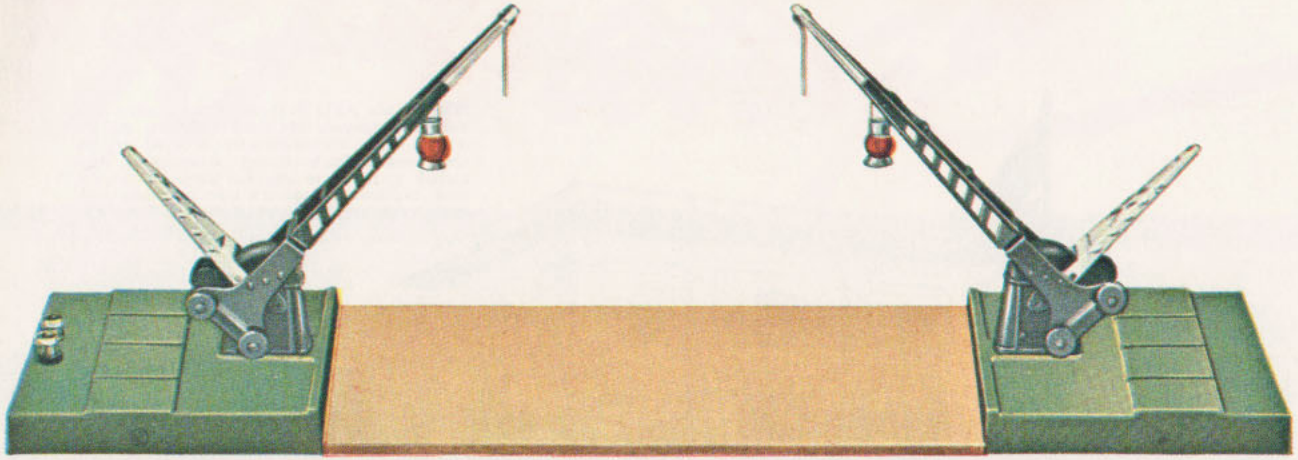
Bull's-eye is illuminated at intervals of about one second. Blinker action is continuous as long as electric current is applied. Signal measures 6¾ inches high. **Price $3.75**

No. 83 TRAFFIC SIGNAL

For Use With Any Track Except "OO" Gauge

The red light in this miniature traffic signal flashes on and off continuously. There are many appropriate spots for it in the model layout. 6⅛ inches high. **Price $3.25**

WARNING SIGNALS



No. 47 AUTOMATIC, ILLUMINATED DOUBLE ARM CROSSING GATES

For Any Style of Track Except "OO" Gauge

An unusual model railroad accessory, true to scale and amazingly life-like in action. Automatic, illuminated crossing gates that include both pedestrian and vehicular arm extensions. As a train approaches, the scissor gates lower automatically and the tiny red, warning lanterns are illuminated. When the train has passed the gates rise and the lights are extinguished. Gates and base are made of heavy gauge steel and enameled. Lanterns are a new design and are accurately proportioned. Base measures 16½ by 3½ inches. Long arms measure 6 inches. Furnished complete with No. 41 Contactor and connecting wires. **Price $4.95**

No. 77N
AUTOMATIC CROSSING GATE

For Any Track Except "OO"

In this Lionel accessory the action is completely automatic! As the train approaches the crossing, the red light flashes on and the gate is lowered. When the train has passed, the light goes off and the gate rises. Gate is 11 inches long and richly enameled. No. 41 Contactor, bulb and complete directions are included. **Price $4.00**

No. 068 WARNING SIGNAL

For Any Track Except "OO" Gauge

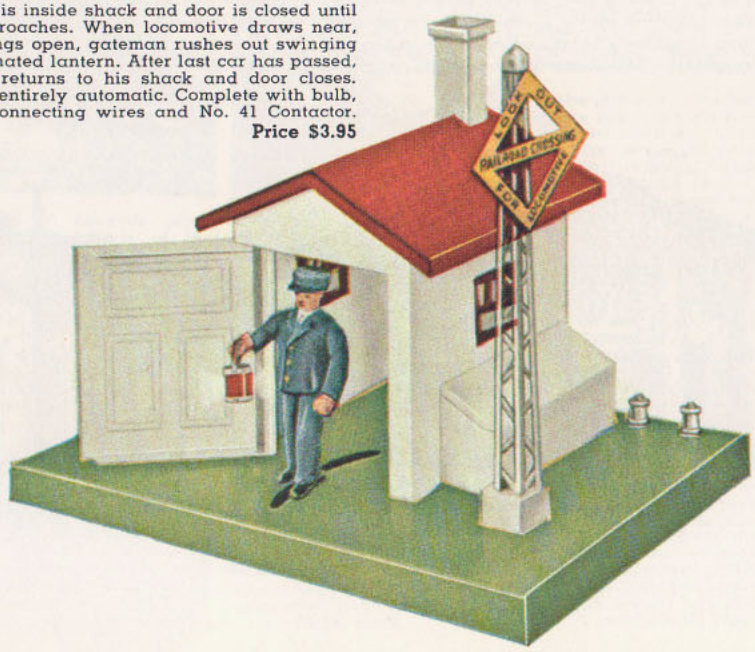
Etched aluminum colored cross arms are mounted on a steel girder post, which is richly enameled. 6⅝ inches high. **Price $.40**

No. 68. Like No. 068, but for Standard Gauge. 9 inches high. **Price $.50**

No. 45N AUTOMATIC GATEMAN

For Any Track Except "OO" Gauge

Gateman is inside shack and door is closed until train approaches. When locomotive draws near, door swings open, gateman rushes out swinging an illuminated lantern. After last car has passed, gateman returns to his shack and door closes. Action is entirely automatic. Complete with bulb, Lockon, connecting wires and No. 41 Contactor. **Price $3.95**



NEW AUTOMATIC CROSSING WATCHMAN WAVES FLAG WHEN TRAIN APPROACHES

No. 1045 OPERATING WATCHMAN

For Any Track Except "OO"

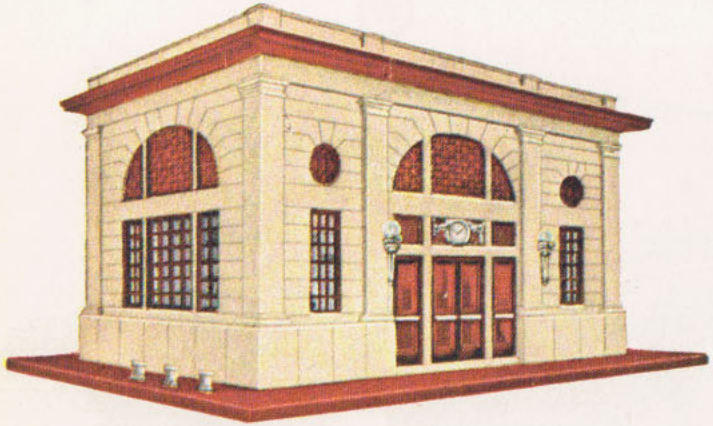
An ingenious new electrically operated accessory that will put a lot of action and interest in your model railroad. When train approaches, watchman waves his flag up and down. When train has passed, action ceases. Entirely automatic in its operation. Watchman is moulded and hand painted. Signal is 12 inches high.

Price $1.95

PASSENGER STATIONS

ALL LIONEL STATIONS ARE EQUIPPED WITH "Automatic Train Stop"

When train pulls in front of the station it is halted automatically and held for an interval, then automatically started on its way again. Each station is equipped with switch to regulate interval between arrival and departure. Stations can be used with any style of track except "OO" gauge.

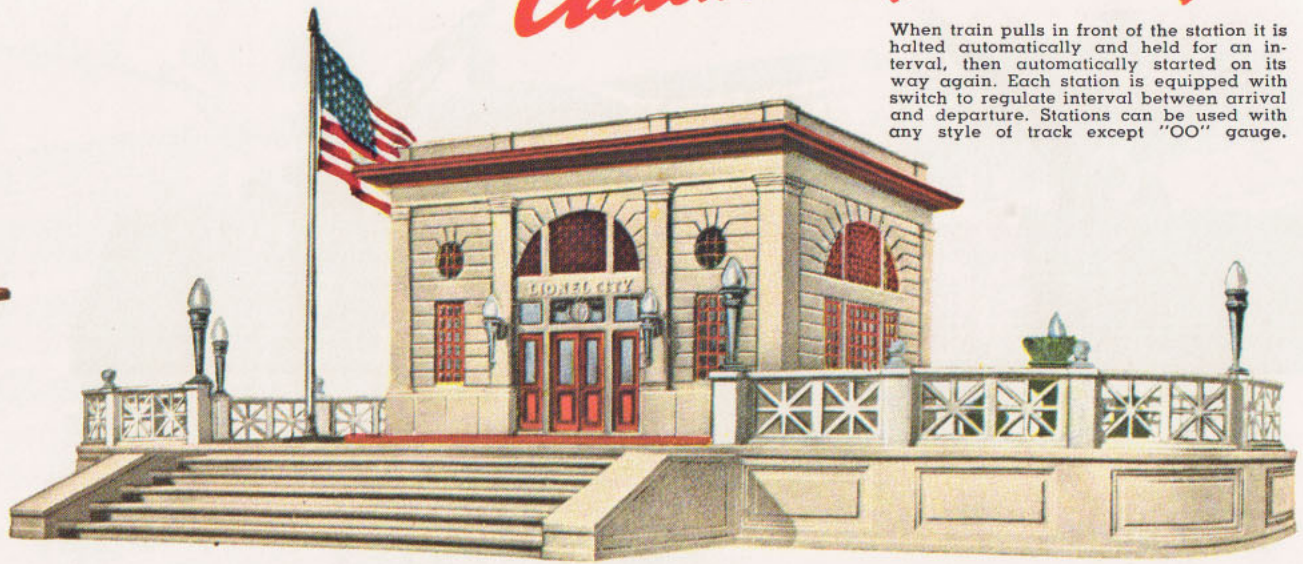


No. 115 ILLUMINATED STATION

Deep embossings and projecting pilasters make this beautiful model look as if it were constructed of stone. It is equipped with automatic train control which automatically stops train, holds it for an interval, then starts it again. Interior illumination. Doorway lights and clock. Ten panelled windows. Swinging doors. Ornamental grille. Removable skylight. 13⅝ inches long, 9¼ inches wide, 8½ inches high.

Price $8.75

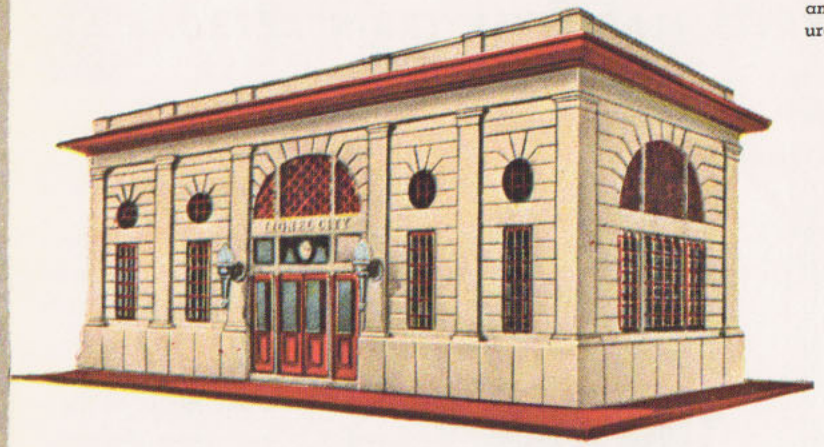
No. 117 Illuminated Station—Same as No. 115 but without outside lighting brackets. **Price $7.50**



No. 128 ILLUMINATED METROPOLITAN TERMINAL STATION AND TERRACE

Most elaborate and truly realistic miniature station ever built. Terrace and building are made of steel and are deeply embossed to represent limestone. Terrace contains flower beds, grass plots and flagstaff, is illuminated by six lamp posts on railings, measures 31½ inches long, 18⅛ inches wide. Station is equipped with automatic train control, has eight swinging doors, panelled windows, grilled skylight, ornamental clock, interior illumination and two outside lights at the doorway. Station measures 13⅝ inches long, 9¼ inches wide and 8½ inches high. **Price $22.00**

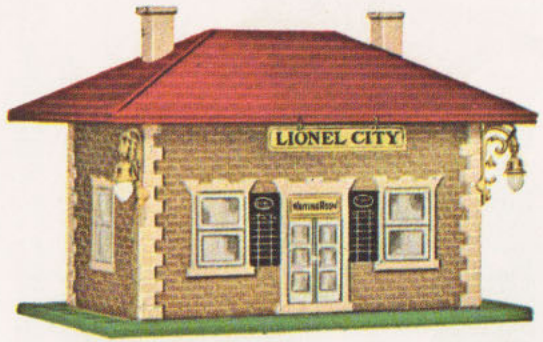
No. 129—Terrace as shown, but without station. **Price $14.00**



No. 116 ILLUMINATED CITY STATION

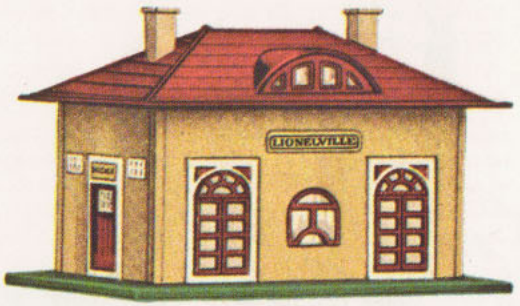
Equipped with automatic train control. Lionel's largest, most imposing station structure, built to a scale that permits its use with either "O" gauge or standard gauge railroads. Made of heavy steel, deeply and minutely embossed. There are two interior lights and two outside lights at the doorway. Fourteen panelled windows. Swinging doors. Removable grilled skylights. 19½ inches long, 8½ inches high, 9¼ inches wide.

Price $12.75



No. 134 ILLUMINATED STATION

Nothing has been spared to make this elaborate station complete and accurate in every detail. Equipped with automatic train control. Doors swing on spring hinges. Chalk-board arrival and departure signs. Filigree lamp brackets and frosted lamps. 9⅝ inches wide, 14 inches long, 10⅛ inches high. **Price $7.75**



No. 136 ILLUMINATED STATION

Beautiful town or suburban station, equipped with automatic train control. All windows are inset and the doors are formed with two or three embossed insets. Interior light has a polished reflector. Roof is removable so that bulb may be replaced. 10⅛ inches long, 7⅛ inches wide, 7⅜ inches high. **Price $5.75**

HOUSES

No. 927 ORNAMENTAL FLAG PLOT

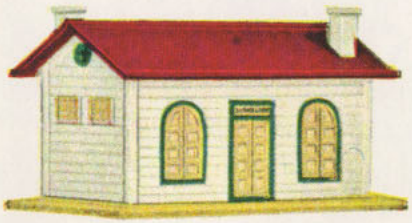
Flagstaff is 14¾ inches high. The silk flag may be raised or lowered. Grass covered base, with a growth of trim hedge, measures 16 inches in length. **Price $2.75**

No. 90 FLAGSTAFF AND FLAG

Like No. 927 shown, but without hedge and with only smaller inner circular base. Flag is made of silk and may be raised or lowered. 14½ inches high. **Price $1.25**

No. 442 ILLUMINATED LANDSCAPE DINER

An interesting scenic addition to the railroad layout. Interior illumination. Simulated brick foundation. 10½ inches wide, 3 inches high. **Price $2.50**

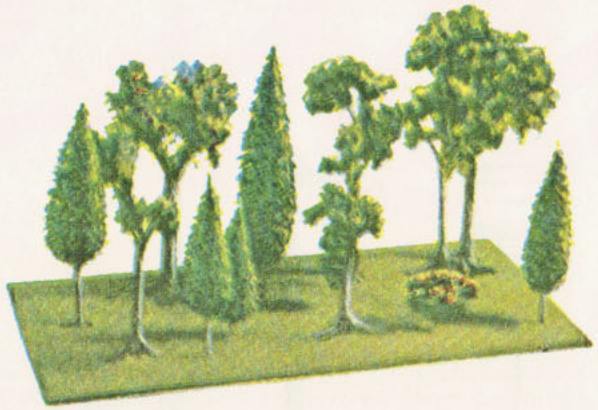


No. 137 ILLUMINATED STATION

Made of steel and enriched by numerous accurately reproduced details. Equipped with automatic train control. Ideally suitable as a second station for "O" gauge or "027" series outfits. Inset windows, removable roof. 8½ inches long, 4⅜ wide, 5 high. **Price $3.75**

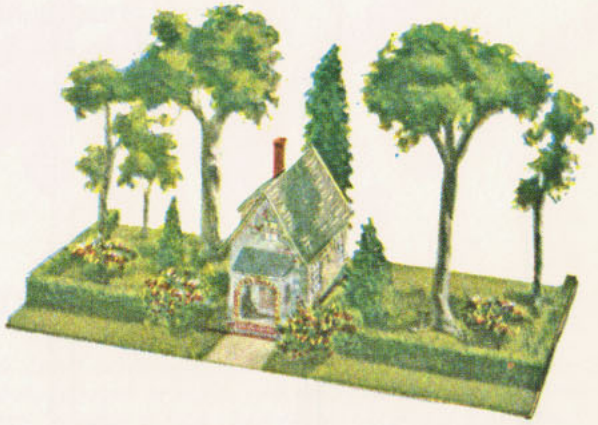
No. 919 PARK GRASS

You can create beautiful effects around your railroad by means of this bright green grass. Can be spread over wet paint, for permanence. 8 oz. to a bag. **Price $.30**



No. 910 GROVE OF TREES ON GRASS COVERED BASE

These extremely natural trees were modeled by a scenic artist. The branches are extended in natural grace and are tipped with a heavy, dark green, mid-summer foliage. The trunks of the trees are brown and expertly shaped, with the roots spreading just before they disappear from sight. Every grove contains a variety of trees. The base is covered with imitation grass. Base is 16 inches long, 8¾ inches deep. **Price $2.50**



No. 913 ILLUMINATED AND LANDSCAPED BUNGALOW

All the residents of your model city will not live in mansions, so you will need several of these more modest dwellings to complete your miniature railroad village. This country bungalow is surrounded by flowering shrubbery and green bushes. The bungalow has an interior light. It is 4¾ inches long, 4 inches high, 2¾ inches wide. Made of steel and accurately proportioned. The roof is removable. Base is 16 inches long, 8¾ inches deep. **Price $4.00**

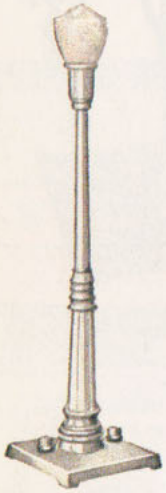
No. 912 ILLUMINATED LANDSCAPED SUBURBAN HOME

Illuminated house built of steel and enameled in bright colors. Numerous inserted window frames add not only to the house's realistic appearance but to its rugged strength as well. Roof is removable so that bulb can be renewed. House is erected on an ornamental base reproducing landscaped lawn and including trees and hedges. House is 5⅜ inches long, 4⅞ inches wide, 5½ inches high. Base is 16 inches long, 8¾ inches deep. **Price $4.75**

No. 911 ILLUMINATED LANDSCAPED COUNTRY ESTATE

A realistic addition to the model railroad. A palatial three-storied home built with the same architectural design and forethought that would be used if it were full-sized. Constructed of steel, reinforced by inset windows and finished in colorful enamel. House is 7¼ inches long, 5 inches wide, 5½ inches high. Roof is removable to give access to the interior bulb. Base is covered with imitation grass. Base measures 16 inches long, 8¾ inches deep. **Price $4.75**

LAMPS

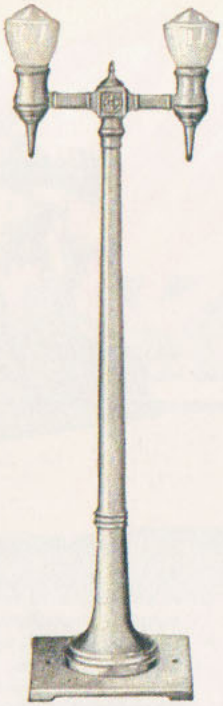


No. 53 LAMP POST

Stately and modern in design and enameled white. Special globe. Has opal light. Four or six posts will give enchanting realism to your city. 8⅞ inches high. **Price $1.75**

No. 52 LAMP POST

Handsome new lamp standard with a brilliant metallic finish. Opal globe is scientifically shaped to cast its light over a wide area. 10¼ inches tall. **Price $2.00**



No. 63 LAMP POST

Copied from designs used in most recent public developments. Made of die castings with a beautiful metallic finish. Globes included. 13 inches high. **Price $2.75**

No. 57 LAMP POST

A boulevard lamp illuminating the names of streets on all four sides. Bulb is included and can be renewed by removing top. Post is 7⅜ inches high. **Price $1.75**

No. 56 LAMP POST

A copy of lamps commonly used for park or parkway illumination. Base is enameled green. Top can be removed. Equipped with bulb. 7¾ inches high. **Price $1.75**

No. 58 LAMP POST

A graceful design similar to the posts used in big cities. Baked enamel ivory finish. Equipped with globe. 7½ inches high. **Price $1.50**

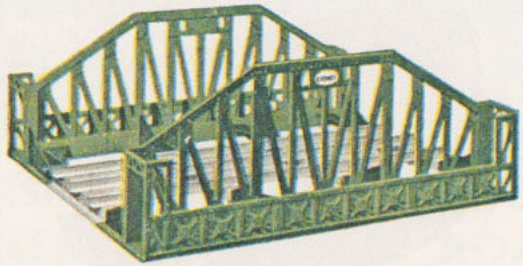
CHART OF REPLACEMENT LAMPS

Lamp No.	Description	Price	Catalogue Numbers in Which Lamp is Used
27	12V Clear	$ .25	83, 87, 439, 440C; all Lionel "027" and "O" Gauge locomotives and cars, and 1121 switches, except 225E, 226E, 250E and 263E locomotives and 2613, 2614, 2615, 2620, 753, 754, 782, 783, 784 and 2820 cars which use No. 28 lamp.
27R	12V Red	.30	025 and 79.
28	18V Clear	.25	225E, 226E, 250E and 263E "O" Gauge locomotives; all Standard Gauge cars and locomotives; all "O" Gauge and Standard Gauge accessories not listed under other lamps.
28R	18V Red	.30	25, 77N, 91, 120L, all locomotive fire boxes, also 022, 711 and 731 controllers.
28G	18V Green	.30	022, 711 and 731 controllers.
29	18V Yellow	.30	99N.
39	12V Frosted	.30	58.
40	18V Frosted	.30	129, 155 and all stations.
47-40	18V Red	.50	One complete lantern for No. 47 gates.
63-11	18V Opal	.30	52, 53 and 63.
616-13	12V Clear	.30	45N, 616E, 616W, 636W, 0072 switches and 001 locomotive.
752-9	18V Clear	.30	700E, 752E, 752W and 763E headlights, 700K-4 kits, also 022, 042, 711, 721 and 731 lantern boxes.

BRIDGES

No. 300 BRIDGE FOR "O" GAUGE OR STANDARD GAUGE

In New York City there is a famous bridge that spans the East River. It has imposing archways, majestic superstructure and is called the "Hell Gate Bridge." Lionel No. 300 is an all-steel accurate reproduction. The great archways at each end are embossed and enameled to represent limestone. There are four doorways for pedestrians and two sidewalk elevations. The train passes through the bridge at regular track level, thus avoiding the necessity of grade approaches. 28⅞ inches long, 11 inches high, 10⅞ inches wide. **Price $16.50**

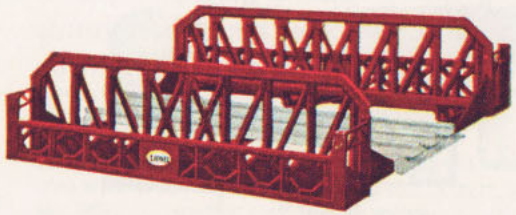


No. 280 SINGLE-SPAN BRIDGE FOR STANDARD GAUGE

Built of steel to represent modern heavy girder construction. On each side of the right of way are portals and walks for pedestrians. Handsomely enameled by Lionel's exclusive process. Complete with track. 14 inches long. **Price $2.75**

No. 281 Consists of 2 spans No. 280 bridge. Complete with track. 28 inches long. **Price $5.50**

No. 282 Consists of 3 spans of No. 280 bridge. Complete with track. 42 inches long. **Price $8.25**



No. 270 SINGLE-SPAN BRIDGE FOR "O" GAUGE

Bridges of this type are used throughout the right-of-ways of nearly all real railroads. The Lionel model is made of heavy steel with plates and rivets that are deeply embossed. Finished in bright enamel. Complete with one section of track. 10 inches long. **Price $2.00**

No. 271 Consists of 2 spans of No. 270 bridge. Complete with track. 20 inches long. **Price $4.00**

No. 272 Consists of 3 spans of No. 270 bridge. Complete with track. 30 inches long. **Price $6.00**

TUNNELS

No. 916 CURVED TUNNEL

For all "O" gauge outfits except Nos. 193W, 197W and those in the "072" series. Constructed of strong felt composition. Decorated with metal houses, realistic trees and shrubbery. 29 inches long, 12 inches high, 24 inches wide. Portals 4¾ inches wide, 5½ inches high. **Price $6.00**

No. 924—Similar to No. 916 but for "072" series, wide-radius curved track. 30⅛ inches long, 21¼ inches wide, 12¼ inches high. Portals 4¾ inches wide, 5⅛ inches high. **Price $4.50**

No. 923—For all "O" gauge and standard gauge outfits except those in the "072" series. 40¼ inches long, 14¼ inches high, 23 inches wide. Portals 7¾ inches wide, 8½ inches high. **Price $9.50**

No. 120L ILLUMINATED TUNNEL

Constructed of steel. For use with any train. 17 inches long, 11⅞ inches wide, 9¾ inches high. Openings 8 by 6⅝ inches. **Price $6.00**

No. 119—Similar but without house and illumination. 12 inches long, 9⅛ wide, 8⅝ high. Openings, 6½ by 5 inches. **Price $3.75**

No. 1023 STRAIGHT TUNNEL

Constructed of strong felt composition. Interestingly hand-painted to resemble a mountain-side. For all "027" and "O" gauge trains except Nos. 193W and 197W. 14⅜ in. long, 10¾ in. wide, 8½ in. high. Portals 4½ in. wide, 5⅞ in. high. **Price $1.25**

No. 123 CURVED TUNNEL

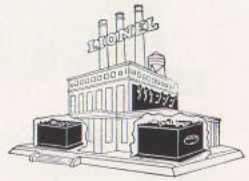
For all "O" gauge outfits except 193W, 197W and those with wide-radius track. Constructed of felt composition. 18¾ inches long, 16½ inches wide, 9 inches high. Portals 4⅛ inches wide, 5¼ inches high. **Price $3.75**

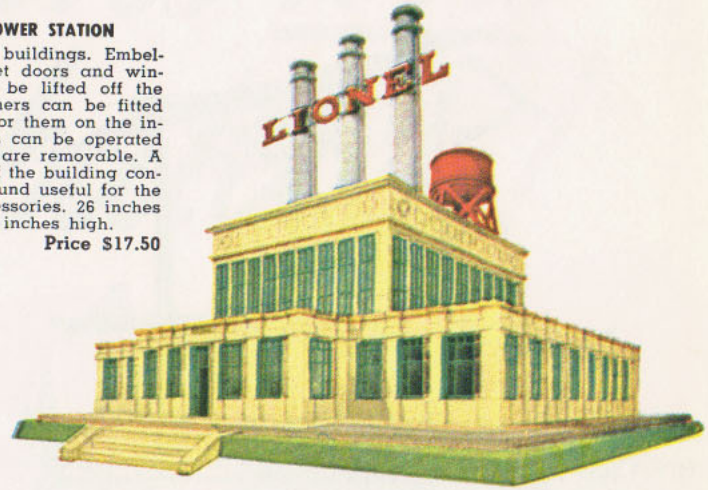
No. 1022—For "027" and small "O" gauge outfits. Same as No. 123 but without house and trees. 19⅛ inches long, 16¾ inches wide, 8⅝ inches high. Portals 4 inches wide, 5 inches high. **Price $2.50**

POWER STATIONS

No. 840 INDUSTRIAL POWER STATION

Masterpiece of miniature buildings. Embellished with numerous inset doors and windows. Superstructure can be lifted off the platform so that transformers can be fitted into the hollows planned for them on the inside. Transformer switches can be operated from the grid roofs which are removable. A panel board on one side of the building contains six knife switches, found useful for the control of illuminated accessories. 26 inches long, 21½ inches wide, 18 inches high. **Price $17.50**





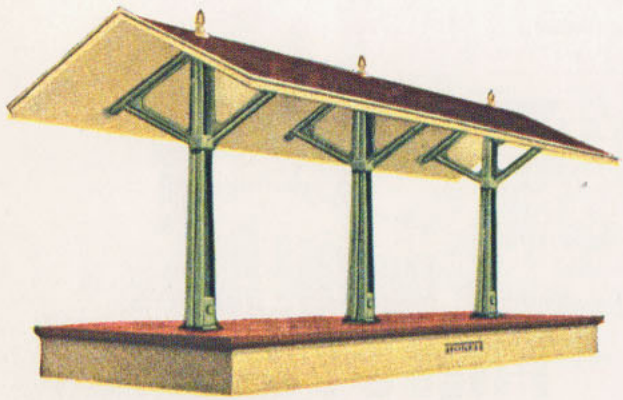
No. 435 POWER STATION

You can house your transformer in this neat power station and still have it near to hand for the operation of its control levers, because the skylight of this building is removable. Constructed of heavy steel and enameled in bright colors. Deep embossings add to its realistic appearance. Will house only B or L Transformers. 7⅝ inches long, 6⅛ inches wide and 9⅝ inches to top of chimney. **Price $2.00**

No. 438 ILLUMINATED SIGNAL TOWER

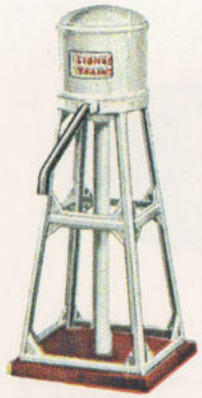
A true copy of the switching towers that are seen on all big railroads. Made of heavy steel. Girder elevation is interestingly embossed with many rivets. Nickeled ladder. Removable roof to give access to ceiling lamp. Equipped with two knife switches for operation of illuminated accessories. 11¾ inches high. **Price $4.75**

YARD EQUIPMENT

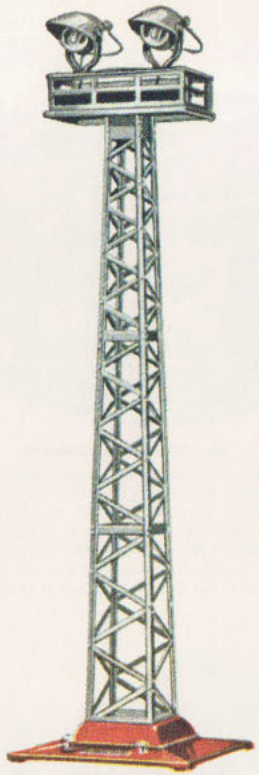


No. 155 ILLUMINATED FREIGHT SHED
Beautifully designed, all-steel railroad accessory. Just the thing for completing a freight siding and to lend atmosphere to your freight train. Platform has ample space for accommodating trucks described below. Illuminated by two lamps under roof and colorfully enameled. Freight shed is 18 inches long, 11 inches high, 8¼ inches wide. **Price $7.50**

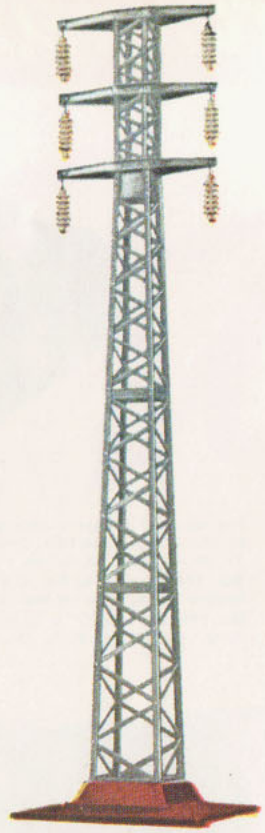
No. 208 TOOLS AND CHEST
Miniature pick and shovel, axe, rake, hoe, sledge—all important tools on real railroads. Set is packed in neat, enameled chest with nickeled handle. **Price $ .75**



No. 93 WATER TANK
If your train is headed by a steam type locomotive, this water tank will add a great deal of realism to your railroad. Tower is 8⅜ inches high. **Price $1.25**



No. 92 FLOODLIGHT TOWER
Powerful searchlights with polished reflectors. May be adjusted independently to any angle. Steel girder construction. Tower is 20⅜ inches high. Lamps and wire are included. **Price $3.75**

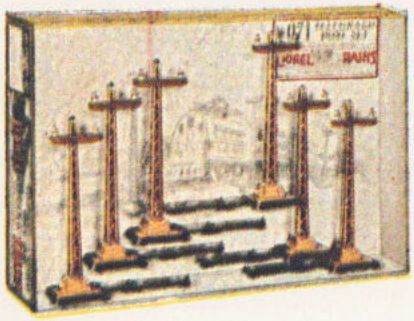


No. 94 HIGH TENSION TOWER
String wires from one tower to another and they will look just like the high tension lines that are seen all over the country. Six porcelain insulators are included. Tower is 22 inches high. **Price $2.50**

No. 209 FOUR BARRELS
Made of wood. Open in center for filling. Useful with freight shed. 2⅛ inches high. **Price $ .30**

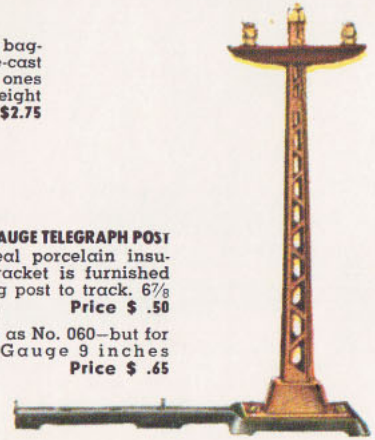
No. 0209 SIX BARRELS
Similar to No. 209, but measuring 1⅜ inches high. **Price $ .35**

No. 163 FREIGHT SET
Consists of 2 hand trucks, dump truck and baggage truck. Each has strong, wide, die-cast wheels. Dump truck operates as the real ones do. Outfit is ideally suitable for use with freight platform, illustrated above. **Price $2.75**



No. 071 Set of 6 No. 060 "O" Gauge posts. **Price $2.25**

No. 86 Same as No. 071, except that it contains six No. 85 Standard Gauge telegraph posts. **Price $3.75**



No. 060 "O" GAUGE TELEGRAPH POST
Arm has real porcelain insulators. A bracket is furnished for attaching post to track. 6⅞ inches high. **Price $ .50**

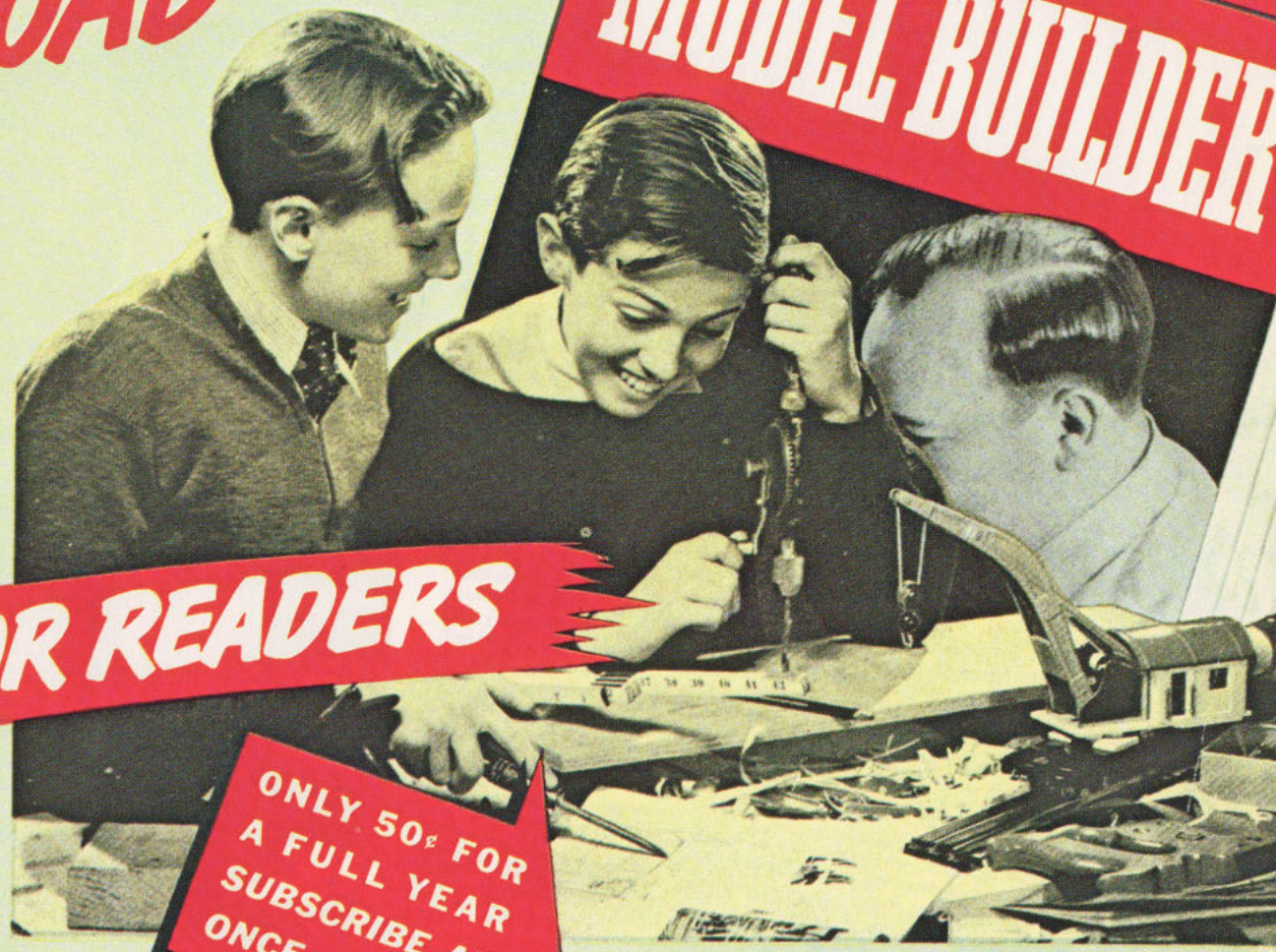
No. 85 Same as No. 060—but for Standard Gauge 9 inches high. **Price $ .65**

No. 205 MERCHANDISE CONTAINERS
(Licensed by the L. C. L. Corporation)
Steel chests like those used to transport small lots of freight. Doors are hinged and have lock. 3⅜ inches long, 3¼ inches wide, 4 inches high. For use with No. 512 and 212 Gondolas. **Set of 3, $2.50**

1975 Reproduction, Greenberg Publishing Co.

HOW TO BUILD A MODEL RAILROAD

MODEL BUILDER



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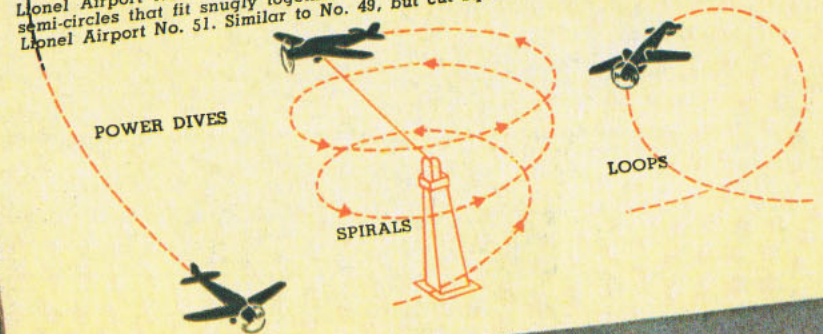
Made of semi-rigid composition, the plane is practically indestructible. The propeller is harmless soft rubber, driven through a shaft connected to a 110-volt motor housed in pylon. Operating mechanism is visible through a grilled airways entrance. Can be plugged into 110-volt *Alternating* current without transformer. Pylon, made of steel, stands 30 inches high. Plane has a 12-inch wing spread. Joystick and speed control stick are mounted on a die cast base, connected to pylon by means of a flexible cable. A great manufacturing program this year makes an exceptionally low price possible.

Price $9.95

No. 55 Lionel Airplane including controls and pylon.

Lionel Airport No. 49. Beautifully lithographed, mounted on heavy board, die cut in semi-circles that fit snugly together. 58 inches in diameter. Price $2.50

Lionel Airport No. 51. Similar to No. 49, but cut square. Price $2.00



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Fold back and forth on this line, then tear out neatly. Fill in the number of the outfit you want and your name, then hand this note to Dad. Tell him it's important.

Dear Dad;

One thing I want this Christmas more than anything else is a Lionel Electric Train No. . Be sure it's a Lionel, Dad. That's the kind all the other fellows have and it's the one and only kind I want. You ought to see the way they run! Like a million dollars. And they whistle too. Real railroad whistle signals by remote control. You can couple and uncouple cars electrically, from a distance, just by touching a button; and reverse the train or speed it up or slow it down.

Please get me a Lionel, Dad. We'll have lots of fun together.

Your son,

P.S. don't forget switches. We'll need them.

Special Notice to Father

Nothing in the world can make you and your boy such close pals and such real friends as playing together and working together at the game of model railroading.

It's a thrill you owe to yourself—to watch the joy that will sparkle in his eyes when you tell your son that you have decided to enter into a railroad partnership with him.

Then enter into partnership—a real partnership of working things out together . . . a track layout . . . a signal system . . . a miniature village. You will be building far more than a model railroad that will delight his heart, and yours. You will be building a glorious father-son companionship. It will grow before you realize it and it will last as long as memory.

It's simple to build a model railroad—and far more thrilling than a round of golf or an hour or two of bridge. First you find the best space for it. Attic. Cellar. Gameroom. Sunporch. Even your son's bedroom might do—with a ledge around the room and terminals at either end.

Next you decide on the gauge you will use. The word gauge indicates the size of trains. Lionel makes trains of many sizes, from diminutive "OO" gauge (a whole train will operate on the top of a common bridge table) to the large and highly detailed Standard gauge.

Next, you think of switches, stations, tunnels, bridges and a signal system. These are the things that can be added from time to time. You start with the most essential accessories, such as switches, plenty of track, a cross-over and maybe a station or two. Then you add the others, as often as possible, as gifts from the senior partner.

Now comes the real fun, the real interest, the place where your side of the partnership is most important. You must build a table or a wide ledge for the railroad to run over, because it's important for the trains to be up, off the floor, on a permanent right-of-way.

From this point on, there are a thousand and one things you and your boy can do together to enhance, improve and individualize your railroad. There are rolling country-sides that can be made by erecting an uneven framework out of sticks, covering it with chicken-wire, covering that with plain burlap, then painting the burlap roughly in brown and greens.

There is an engine house that can be made in an evening's time out of two-ply wood and a few pieces of hardware screening. A miniature gas station for miniature motorists. A real railroad grade crossing—with cattle guards and all—done with realistic effect in just two hours flat. All sorts of industrial buildings for your industrial sidings. Newsstands, baggage offices and all types of improvements for your passenger stations.

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